

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 black

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 black

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |
| 3  | CARBON BLACK                               |                                 |   |                        |        |
|    | 1333-86-4<br>215-609-9<br>-<br>-           | -                               | -   | > 1.00 - < 5.00        | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 black

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 black

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |
| 3  | CARBON BLACK                         | 1333-86-4 | 215-609-9             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Carbon black                         |           |                       |
|  | STEL                                 | 7         | mg/m <sup>3</sup>     |
|  | TWA                                  | 3.5       | mg/m <sup>3</sup>     |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alcohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 black

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 black

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 black

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Toxicity to fish (acute)

No data available

#### Toxicity to fish (chronic)

No data available

#### Toxicity to Daphnia (acute)

No data available

#### Toxicity to Daphnia (chronic)

No data available

#### Toxicity to algae (acute)

No data available

#### Toxicity to algae (chronic)

No data available

#### Bacteria toxicity

No data available

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

#### Other information

Ecological data are not available.

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 black

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.



**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 black

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 blue green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 blue green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                              | Classification                  | Classification (EC)   | Additional information |        |
|----|---|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                 | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | <b>ethyl-acetate</b>                        |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>-  | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | <b>Paraffin waxes and Hydrocarbon waxes</b> |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-            | -                               | -   | > 10.00 - < 30.00      | %-b.w. |
| 3  | <b>titanium-dioxide</b>                     |                                 |   |                        |        |
|    | 13463-67-7<br>236-675-5<br>-<br>-           | -                               | -   | > 1.00 - < 5.00        | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 blue green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 blue green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No | Substance name   | CAS no.    | EC no.                |
|----|--|------------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes                     | 8002-74-2  | 232-315-6             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Paraffin wax   |            |                       |
|    | fume   |            |                       |
|    | STEL   | 6          | mg/m <sup>3</sup>     |
|    | TWA  | 2          | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate  | 141-78-6   | 205-500-4             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Ethyl acetate  |            |                       |
|    | STEL   |            | 400 ml/m <sup>3</sup> |
|    | TWA  |            | 200 ml/m <sup>3</sup> |
| 3  | titanium-dioxide   | 13463-67-7 | 236-675-5             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | total inhalable dust                                     |            |                       |
|    | TWA  | 10         | mg/m <sup>3</sup>     |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | respirable dust  |            |                       |
|    | TWA  | 4          | mg/m <sup>3</sup>     |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alcohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 blue green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**Odour threshold**

No data available

**pH value**

No data available

**Boiling point / boiling range**

No data available

**Melting point / melting range**

No data available

**Decomposition point / decomposition range**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Oxidising properties**

No data available

**Explosive properties**

No data available

**Flammability (solid, gas)**

No data available

**Lower flammability or explosive limits**

No data available

**Upper flammability or explosive limits**

No data available

**Vapour pressure**

No data available

**Vapour density**

No data available

**Evaporation rate**

No data available

**Relative density**

No data available

**Density**

No data available

**Solubility in water**

No data available

**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Viscosity**

No data available

**9.2 Other information****Other information**

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 blue green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 blue green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Toxicity to fish (acute)

No data available

#### Toxicity to fish (chronic)

No data available

#### Toxicity to Daphnia (acute)

No data available

#### Toxicity to Daphnia (chronic)

No data available

#### Toxicity to algae (acute)

No data available

#### Toxicity to algae (chronic)

No data available

#### Bacteria toxicity

No data available

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

#### Other information

Ecological data are not available.

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 blue green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 blue green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 cobalt blue

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 cobalt blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                              | Classification                  | Classification (EC)   | Additional information |        |
|----|---|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                 | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | <b>ethyl-acetate</b>                        |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>-  | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | <b>Paraffin waxes and Hydrocarbon waxes</b> |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-            | -                               | -   | > 10.00 - < 30.00      | %-b.w. |
| 3  | <b>titanium-dioxide</b>                     |                                 |   |                        |        |
|    | 13463-67-7<br>236-675-5<br>-<br>-           | -                               | -   | > 1.00 - < 5.00        | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 cobalt blue

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 cobalt blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No | Substance name   | CAS no.    | EC no.                |
|----|--|------------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes                     | 8002-74-2  | 232-315-6             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Paraffin wax   |            |                       |
|    | fume   |            |                       |
|    | STEL   | 6          | mg/m <sup>3</sup>     |
|    | TWA  | 2          | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate  | 141-78-6   | 205-500-4             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Ethyl acetate  |            |                       |
|    | STEL   |            | 400 ml/m <sup>3</sup> |
|    | TWA  |            | 200 ml/m <sup>3</sup> |
| 3  | titanium-dioxide   | 13463-67-7 | 236-675-5             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | total inhalable dust                                     |            |                       |
|    | TWA  | 10         | mg/m <sup>3</sup>     |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | respirable dust  |            |                       |
|    | TWA  | 4          | mg/m <sup>3</sup>     |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alcohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 cobalt blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**Odour threshold**

No data available

**pH value**

No data available

**Boiling point / boiling range**

No data available

**Melting point / melting range**

No data available

**Decomposition point / decomposition range**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Oxidising properties**

No data available

**Explosive properties**

No data available

**Flammability (solid, gas)**

No data available

**Lower flammability or explosive limits**

No data available

**Upper flammability or explosive limits**

No data available

**Vapour pressure**

No data available

**Vapour density**

No data available

**Evaporation rate**

No data available

**Relative density**

No data available

**Density**

No data available

**Solubility in water**

No data available

**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Viscosity**

No data available

**9.2 Other information****Other information**

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 cobalt blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

None known

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

No data available

#### Acute dermal toxicity

No data available

#### Acute inhalational toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Reproduction toxicity

No data available

#### Carcinogenicity

No data available

#### STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### Aspiration hazard

No data available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 cobalt blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 12: Ecological information

### 12.1 Toxicity

| Toxicity to fish (acute) |
|--------------------------|
| No data available        |

| Toxicity to fish (chronic) |
|----------------------------|
| No data available          |

| Toxicity to Daphnia (acute) |
|-----------------------------|
| No data available           |

| Toxicity to Daphnia (chronic) |
|-------------------------------|
| No data available             |

| Toxicity to algae (acute) |
|---------------------------|
| No data available         |

| Toxicity to algae (chronic) |
|-----------------------------|
| No data available           |

| Bacteria toxicity |
|-------------------|
| No data available |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

| Other information  |
|--|
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 cobalt blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 cobalt blue

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 gray

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 gray

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                              | Classification                  | Classification (EC)   | Additional information |        |
|----|---|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                 | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | <b>ethyl-acetate</b>                        |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>-  | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | <b>Paraffin waxes and Hydrocarbon waxes</b> |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-            | -                               | -   | > 10.00 - < 30.00      | %-b.w. |
| 3  | <b>titanium-dioxide</b>                     |                                 |   |                        |        |
|    | 13463-67-7<br>236-675-5<br>-<br>-           | -                               | -   | > 5.00 - < 10.00       | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 gray

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 gray

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No | Substance name   | CAS no.    | EC no.                |
|----|--|------------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes                     | 8002-74-2  | 232-315-6             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Paraffin wax   |            |                       |
|    | fume   |            |                       |
|    | STEL   | 6          | mg/m <sup>3</sup>     |
|    | TWA  | 2          | mg/m <sup>3</sup>     |
| 2  | titanium-dioxide   | 13463-67-7 | 236-675-5             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | total inhalable dust                                     |            |                       |
|    | TWA  | 10         | mg/m <sup>3</sup>     |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | respirable dust  |            |                       |
|    | TWA  | 4          | mg/m <sup>3</sup>     |
| 3  | ethyl-acetate  | 141-78-6   | 205-500-4             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Ethyl acetate  |            |                       |
|    | STEL   |            | 400 ml/m <sup>3</sup> |
|    | TWA  |            | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alcohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 gray

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**Odour threshold**

No data available

**pH value**

No data available

**Boiling point / boiling range**

No data available

**Melting point / melting range**

No data available

**Decomposition point / decomposition range**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Oxidising properties**

No data available

**Explosive properties**

No data available

**Flammability (solid, gas)**

No data available

**Lower flammability or explosive limits**

No data available

**Upper flammability or explosive limits**

No data available

**Vapour pressure**

No data available

**Vapour density**

No data available

**Evaporation rate**

No data available

**Relative density**

No data available

**Density**

No data available

**Solubility in water**

No data available

**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Viscosity**

No data available

**9.2 Other information****Other information**

No data available.



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 gray

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

None known

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

No data available

#### Acute dermal toxicity

No data available

#### Acute inhalational toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Reproduction toxicity

No data available

#### Carcinogenicity

No data available

#### STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### Aspiration hazard

No data available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 gray

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Toxicity to fish (acute)

No data available

#### Toxicity to fish (chronic)

No data available

#### Toxicity to Daphnia (acute)

No data available

#### Toxicity to Daphnia (chronic)

No data available

#### Toxicity to algae (acute)

No data available

#### Toxicity to algae (chronic)

No data available

#### Bacteria toxicity

No data available

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

#### Other information

Ecological data are not available.

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 gray

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 gray

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alkohol-like           |



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 green**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 12: Ecological information****12.1 Toxicity**

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information**

|  |
|--|
| <b>Other information</b>                                   |
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 orange

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 orange

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alkohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 12: Ecological information

### 12.1 Toxicity

| Toxicity to fish (acute) |
|--------------------------|
| No data available        |

| Toxicity to fish (chronic) |
|----------------------------|
| No data available          |

| Toxicity to Daphnia (acute) |
|-----------------------------|
| No data available           |

| Toxicity to Daphnia (chronic) |
|-------------------------------|
| No data available             |

| Toxicity to algae (acute) |
|---------------------------|
| No data available         |

| Toxicity to algae (chronic) |
|-----------------------------|
| No data available           |

| Bacteria toxicity |
|-------------------|
| No data available |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

| Other information  |
|--|
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 orange

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 pink

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 pink

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                              | Classification                  | Classification (EC)   | Additional information |        |
|----|---|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                 | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | <b>ethyl-acetate</b>                        |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>-  | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | <b>Paraffin waxes and Hydrocarbon waxes</b> |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-            | -                               | -   | > 10.00 - < 30.00      | %-b.w. |
| 3  | <b>titanium-dioxide</b>                     |                                 |   |                        |        |
|    | 13463-67-7<br>236-675-5<br>-<br>-           | -                               | -   | > 1.00 - < 5.00        | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)



**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 pink

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 pink

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.    | EC no.                |
|--|--------------------------------------|------------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2  | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |            |                       |
|  | Paraffin wax                         |            |                       |
|  | fume                                 |            |                       |
|  | STEL                                 | 6          | mg/m <sup>3</sup>     |
|  | TWA                                  | 2          | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6   | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |            |                       |
|  | Ethyl acetate                        |            |                       |
|  | STEL                                 |            | 400 ml/m <sup>3</sup> |
|  | TWA                                  |            | 200 ml/m <sup>3</sup> |
| 3  | titanium-dioxide                     | 13463-67-7 | 236-675-5             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |            |                       |
|  | Titanium dioxide                     |            |                       |
|  | total inhalable dust                 |            |                       |
|  | TWA                                  | 10         | mg/m <sup>3</sup>     |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |            |                       |
|  | Titanium dioxide                     |            |                       |
|  | respirable dust                      |            |                       |
|  | TWA                                  | 4          | mg/m <sup>3</sup>     |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alcohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 pink

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**Odour threshold**

No data available

**pH value**

No data available

**Boiling point / boiling range**

No data available

**Melting point / melting range**

No data available

**Decomposition point / decomposition range**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Oxidising properties**

No data available

**Explosive properties**

No data available

**Flammability (solid, gas)**

No data available

**Lower flammability or explosive limits**

No data available

**Upper flammability or explosive limits**

No data available

**Vapour pressure**

No data available

**Vapour density**

No data available

**Evaporation rate**

No data available

**Relative density**

No data available

**Density**

No data available

**Solubility in water**

No data available

**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Viscosity**

No data available

**9.2 Other information****Other information**

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 pink

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 pink

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 12: Ecological information

### 12.1 Toxicity

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

|  |
|--|
| <b>Other information</b>                                   |
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 pink

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 pink

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 prussian blue

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 prussian blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 prussian blue

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 prussian blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alkohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 prussian blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**Odour threshold**

No data available

**pH value**

No data available

**Boiling point / boiling range**

No data available

**Melting point / melting range**

No data available

**Decomposition point / decomposition range**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Oxidising properties**

No data available

**Explosive properties**

No data available

**Flammability (solid, gas)**

No data available

**Lower flammability or explosive limits**

No data available

**Upper flammability or explosive limits**

No data available

**Vapour pressure**

No data available

**Vapour density**

No data available

**Evaporation rate**

No data available

**Relative density**

No data available

**Density**

No data available

**Solubility in water**

No data available

**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Viscosity**

No data available

**9.2 Other information****Other information**

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 prussian blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 prussian blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 12: Ecological information

### 12.1 Toxicity

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

|  |
|--|
| <b>Other information</b>                                   |
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 prussian blue

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 prussian blue

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.



**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 red

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Directive 67/548/EEC or 1999/45/EC**

Xn; R20/22

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

### 2.2 Label elements

Not relevant

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 red

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name   | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no  | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | <b>ethyl-acetate</b>   |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>-   | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | <b>barium 4-[(5-chloro-4-methyl-2-sulphonatophenyl)azo]-3-hydroxy-2-naphthoate</b> |                                 |   |                        |        |
|    | 7585-41-3<br>231-494-8<br>056-002-00-7<br>-  | Xn; R20/22                      | Acute Tox. 4*; H302<br>Acute Tox. 4*; H332                            | > 1.00 - < 5.00        | %-b.w. |
| 3  | <b>Paraffin waxes and Hydrocarbon waxes</b>  |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-   | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

(\*, \*\*, \*\*\*, \*\*\*\*) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|-------------------------------|------------------|--------------------|
| 2  | A, 1 | -                             | -                | -                  |

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

Wash off immediately with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

##### After ingestion

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 red

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media**

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

**Unsuitable extinguishing media**

High power water jet

### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

**Advice on protection against fire and explosion**

Keep away from sources of heat and ignition.

### 7.2 Conditions for safe storage, including any incompatibilities

**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

**Advice on storage assembly**

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 red

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name  | CAS no.   | EC no.                |
|--|---|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes  | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |   |           |                       |
|  | Paraffin wax  |           |                       |
|  | fume  |           |                       |
|  | STEL  | 6         | mg/m <sup>3</sup>     |
|  | TWA   | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate   | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |   |           |                       |
|  | Ethyl acetate   |           |                       |
|  | STEL  |           | 400 ml/m <sup>3</sup> |
|  | TWA   |           | 200 ml/m <sup>3</sup> |
| 3  | barium 4-[(5-chloro-4-methyl-2-sulphonatophenyl)azo]-3-hydroxy-2 naphthoate | 7585-41-3 | 231-494-8             |
| 2006/15/EG   |   |           |                       |
|  | Barium (lösliche Verbindungen als Ba)                                       |           |                       |
|  | TWA   | 0.5       | mg/m <sup>3</sup>     |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                    |
|--------------------|
| <b>Form/Colour</b> |
| liquid             |
| product specific   |
| <b>Odour</b>       |
| alkohol-like       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 red

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| Not applicable                                   |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| no data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| no data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 red

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

Protect from sun.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity (result of the ATE calculation for the mixture)****No Product Name****1 Fabricfun Pastels Dye Stick****Remarks**

The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

**Acute oral toxicity****No Product Name****1 Fabricfun Pastels Dye Stick****Remarks**

No data available.

**Acute dermal toxicity****No Product Name****1 Fabricfun Pastels Dye Stick****Remarks**

No data available.

**Acute inhalational toxicity (result of the ATE calculation for the mixture)****No Product Name****1 Fabricfun Pastels Dye Stick****Remarks**

The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)).

**Acute inhalational toxicity****No Product Name****1 Fabricfun Pastels Dye Stick****Remarks**

No data available.

**Skin corrosion/irritation****No Product Name****1 Fabricfun Pastels Dye Stick****Remarks**

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 red

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

| Serious eye damage/irritation   |                             |
|---|-----------------------------|
| No  | Product Name                |
| 1   | Fabricfun Pastels Dye Stick |
| Remarks   | No data available.          |
| Respiratory or skin sensitisation   |                             |
| No data available   |                             |
| Germ cell mutagenicity  |                             |
| No data available   |                             |
| Reproduction toxicity   |                             |
| No data available   |                             |
| Carcinogenicity   |                             |
| No data available   |                             |
| STOT-single exposure  |                             |
| No data available   |                             |
| STOT-repeated exposure  |                             |
| No data available   |                             |
| Aspiration hazard   |                             |
| No data available   |                             |
| Delayed and immediate effects as well as chronic effects from short and long-term exposure  |                             |
| Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness.<br>Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. |                             |

## SECTION 12: Ecological information

### 12.1 Toxicity

| Toxicity to fish (acute)      |                             |
|-------------------------------|-----------------------------|
| No                            | Product Name                |
| 1                             | Fabricfun Pastels Dye Stick |
| Remarks                       | No data available.          |
| Toxicity to fish (chronic)    |                             |
| No data available             |                             |
| Toxicity to Daphnia (acute)   |                             |
| No                            | Product Name                |
| 1                             | Fabricfun Pastels Dye Stick |
| Remarks                       | No data available.          |
| Toxicity to Daphnia (chronic) |                             |
| No data available             |                             |
| Toxicity to algae (acute)     |                             |
| No                            | Product Name                |
| 1                             | Fabricfun Pastels Dye Stick |
| Remarks                       | No data available.          |

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 red**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information****Other information**

Ecological data are not available.

Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations.

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not relevant



Region: GB

## Page 9(10)

---

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 red

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

---

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 vandyke brown

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 vandyke brown

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |
| 3  | diiron trioxide                            |                                 |   |                        |        |
|    | 1309-37-1<br>215-168-2<br>-<br>-           | -                               | -   | > 1.00 - < 5.00        | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 vandyke brown

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 vandyke brown

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |
| 3  | diiron trioxide                      | 1309-37-1 | 215-168-2             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Iron oxide                           |           |                       |
|  | fume                                 |           |                       |
|  | Fe                                   |           |                       |
|  | STEL                                 | 10        | mg/m <sup>3</sup>     |
|  | TWA                                  | 5         | mg/m <sup>3</sup>     |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Rouge                                |           |                       |
|  | total inhalable dust                 |           |                       |
|  | TWA                                  | 10        | mg/m <sup>3</sup>     |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Rouge                                |           |                       |
|  | respirable dust                      |           |                       |
|  | TWA                                  | 4         | mg/m <sup>3</sup>     |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 vandyke brown**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****Form/Colour**

liquid

according product name

**Odour**

alkohol-like

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 vandyke brown

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |



**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 vandyke brown**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 vandyke brown**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 12: Ecological information****12.1 Toxicity**

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information**

|  |
|--|
| <b>Other information</b>                                   |
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 vandyke brown

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

##### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

##### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

##### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

##### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 vandyke brown

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 white

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 white

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                              | Classification                  | Classification (EC)   | Additional information |        |
|----|---|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                 | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | <b>ethyl-acetate</b>                        |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>-  | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | <b>Paraffin waxes and Hydrocarbon waxes</b> |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-            | -                               | -   | > 10.00 - < 30.00      | %-b.w. |
| 3  | <b>titanium-dioxide</b>                     |                                 |   |                        |        |
|    | 13463-67-7<br>236-675-5<br>-<br>-           | -                               | -   | > 5.00 - < 10.00       | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 white

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 white

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No | Substance name   | CAS no.    | EC no.                |
|----|--|------------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes                     | 8002-74-2  | 232-315-6             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Paraffin wax   |            |                       |
|    | fume   |            |                       |
|    | STEL   | 6          | mg/m <sup>3</sup>     |
|    | TWA  | 2          | mg/m <sup>3</sup>     |
| 2  | titanium-dioxide   | 13463-67-7 | 236-675-5             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | total inhalable dust                                     |            |                       |
|    | TWA  | 10         | mg/m <sup>3</sup>     |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Titanium dioxide   |            |                       |
|    | respirable dust  |            |                       |
|    | TWA  | 4          | mg/m <sup>3</sup>     |
| 3  | ethyl-acetate  | 141-78-6   | 205-500-4             |
|    | List of approved workplace exposure limits (WELs) / EH40 |            |                       |
|    | Ethyl acetate  |            |                       |
|    | STEL   |            | 400 ml/m <sup>3</sup> |
|    | TWA  |            | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alcohol-like           |



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 white

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 white

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

None known

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

No data available

#### Acute dermal toxicity

No data available

#### Acute inhalational toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Reproduction toxicity

No data available

#### Carcinogenicity

No data available

#### STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### Aspiration hazard

No data available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 white

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 12: Ecological information

### 12.1 Toxicity

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

|  |
|--|
| <b>Other information</b>                                   |
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 white

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 white

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alkohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**Odour threshold**

No data available

**pH value**

No data available

**Boiling point / boiling range**

No data available

**Melting point / melting range**

No data available

**Decomposition point / decomposition range**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Oxidising properties**

No data available

**Explosive properties**

No data available

**Flammability (solid, gas)**

No data available

**Lower flammability or explosive limits**

No data available

**Upper flammability or explosive limits**

No data available

**Vapour pressure**

No data available

**Vapour density**

No data available

**Evaporation rate**

No data available

**Relative density**

No data available

**Density**

No data available

**Solubility in water**

No data available

**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No data available

**Viscosity**

No data available

**9.2 Other information****Other information**

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

None known

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

No data available

#### Acute dermal toxicity

No data available

#### Acute inhalational toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/irritation

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Reproduction toxicity

No data available

#### Carcinogenicity

No data available

#### STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### Aspiration hazard

No data available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 yellow**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 12: Ecological information****12.1 Toxicity****Toxicity to fish (acute)**

No data available

**Toxicity to fish (chronic)**

No data available

**Toxicity to Daphnia (acute)**

No data available

**Toxicity to Daphnia (chronic)**

No data available

**Toxicity to algae (acute)**

No data available

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information****Other information**

Ecological data are not available.

Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.



**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
| Paraffin wax   |                                      |           |                       |
| fume   |                                      |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
| Ethyl acetate  |                                      |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alkohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 yellow green**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow green

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 12: Ecological information

### 12.1 Toxicity

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

|  |
|--|
| <b>Other information</b>                                   |
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 yellow green**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations.

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

**15.2 Chemical safety assessment**

No data available.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow green

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow orhre

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.



Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orhre

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow orhre

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

#### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orhre

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alkohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orhre

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orhre

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orhre

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 12: Ecological information

### 12.1 Toxicity

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

### 12.7 Other information

|  |
|--|
| <b>Other information</b>                                   |
| Ecological data are not available.                         |
| Do not discharge product unmonitored into the environment. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orhre

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow orhre

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.



**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow orange

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**Fabricfun Pastels Dye Stick**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

for painting pictures, letters, etc. on natural fabric

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Pentel Bürobedarf-Handelsgesellschaft mbH

Lademannbogen 143

22339 Hamburg

GERMANY

Telephone no. +49 (0) 40 / 53 80 91 - 0

Fax no. +49 (0) 40 / 53 85 58 - 7

**Information provided by / telephone**

+49 (0) 40 / 53 80 91 - 0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

### 2.2 Label elements

Not relevant

**Labelling information**

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

### 2.3 Other hazards

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable. The product is not a substance.

#### 3.2 Mixtures

##### Hazardous ingredients

| No | Substance name                             | Classification                  | Classification (EC)   | Additional information |        |
|----|--|---------------------------------|---|------------------------|--------|
|    | CAS / EC / Index / REACH no                | 67/548/EEC                      | 1272/2008 (CLP)   | Concentration          | %      |
| 1  | ethyl-acetate                              |                                 |   |                        |        |
|    | 141-78-6<br>205-500-4<br>607-022-00-5<br>- | F; R11<br>Xi; R36<br>R66<br>R67 | EUH066<br>Eye Irrit. 2; H319<br>Flam. Liq. 2; H225<br>STOT SE 3; H336 | > 5.00 - < 10.00       | %-b.w. |
| 2  | Paraffin waxes and Hydrocarbon waxes       |                                 |   |                        |        |
|    | 8002-74-2<br>232-315-6<br>-<br>-           | -                               | -   | > 10.00 - < 30.00      | %-b.w. |

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

##### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

##### After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

##### After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet.

**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow orange

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away sources of ignition. Do not inhale vapours. Avoid contact with skin, eyes and clothing.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

**Advice on storage assembly**

None known

### 7.3 Specific end use(s)

No data available.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

| No   | Substance name                       | CAS no.   | EC no.                |
|--|--------------------------------------|-----------|-----------------------|
| 1  | Paraffin waxes and Hydrocarbon waxes | 8002-74-2 | 232-315-6             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Paraffin wax                         |           |                       |
|  | fume                                 |           |                       |
|  | STEL                                 | 6         | mg/m <sup>3</sup>     |
|  | TWA                                  | 2         | mg/m <sup>3</sup>     |
| 2  | ethyl-acetate                        | 141-78-6  | 205-500-4             |
| List of approved workplace exposure limits (WELs) / EH40 |                                      |           |                       |
|  | Ethyl acetate                        |           |                       |
|  | STEL                                 |           | 400 ml/m <sup>3</sup> |
|  | TWA                                  |           | 200 ml/m <sup>3</sup> |

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

##### Eye / face protection

Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

##### Other

Normal chemical work clothing.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                        |
|------------------------|
| <b>Form/Colour</b>     |
| liquid                 |
| according product name |
| <b>Odour</b>           |
| alkohol-like           |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

|  |
|--|
| <b>Odour threshold</b>                           |
| No data available                                |
| <b>pH value</b>                                  |
| No data available                                |
| <b>Boiling point / boiling range</b>             |
| No data available                                |
| <b>Melting point / melting range</b>             |
| No data available                                |
| <b>Decomposition point / decomposition range</b> |
| No data available                                |
| <b>Flash point</b>                               |
| No data available                                |
| <b>Auto-ignition temperature</b>                 |
| No data available                                |
| <b>Oxidising properties</b>                      |
| No data available                                |
| <b>Explosive properties</b>                      |
| No data available                                |
| <b>Flammability (solid, gas)</b>                 |
| No data available                                |
| <b>Lower flammability or explosive limits</b>    |
| No data available                                |
| <b>Upper flammability or explosive limits</b>    |
| No data available                                |
| <b>Vapour pressure</b>                           |
| No data available                                |
| <b>Vapour density</b>                            |
| No data available                                |
| <b>Evaporation rate</b>                          |
| No data available                                |
| <b>Relative density</b>                          |
| No data available                                |
| <b>Density</b>                                   |
| No data available                                |
| <b>Solubility in water</b>                       |
| No data available                                |
| <b>Solubility(ies)</b>                           |
| No data available                                |
| <b>Partition coefficient: n-octanol/water</b>    |
| No data available                                |
| <b>Viscosity</b>                                 |
| No data available                                |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

No data available.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

None known

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute oral toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Reproduction toxicity**

No data available

**Carcinogenicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Irritating to eyes.

**Trade name:** Fabricfun Pastels Dye Stick**Product no.:** PTS-7/PTS-15 yellow orange**Current version :** 3.0.0, issued: 12.05.2015**Replaced version:** 2.0.0, issued: 18.04.2012**Region:** GB**SECTION 12: Ecological information****12.1 Toxicity****Toxicity to fish (acute)**

No data available

**Toxicity to fish (chronic)**

No data available

**Toxicity to Daphnia (acute)**

No data available

**Toxicity to Daphnia (chronic)**

No data available

**Toxicity to algae (acute)**

No data available

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

**12.7 Other information****Other information**

Ecological data are not available.

Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

Trade name: Fabricfun Pastels Dye Stick

Product no.: PTS-7/PTS-15 yellow orange

Current version : 3.0.0, issued: 12.05.2015

Replaced version: 2.0.0, issued: 18.04.2012

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

#### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

#### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

#### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.



**Trade name:** Fabricfun Pastels Dye Stick

**Product no.:** PTS-7/PTS-15 yellow orange

**Current version :** 3.0.0, issued: 12.05.2015

**Replaced version:** 2.0.0, issued: 18.04.2012

**Region:** GB

**Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |   |
|--------|---|
| R11    | Highly flammable.                                     |
| R36    | Irritating to eyes.                                   |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225   | Highly flammable liquid and vapour.                   |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |

**Department issuing safety data sheet**

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , 21107 Hamburg, Germany

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.