

According to 1907/2006/EC (REACH), 2015/830/EU

### 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: 1320003 - CLEAR POLYURETHANE UNDERCOAT

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

Relevant uses: Primers and hardening base layers.. For professional user only.

Uses advised against: All uses not specified in this section or in section 7.3

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

Industrias Titán, S.A.U.

Pol. Ind. Pratense, calle 114 no 17-19

08820 El Prat de Llobregat - Barcelona - España Phone.: +34 934 797 494 - Fax: +34 934 797 495

msds@titanlux.es http://www.titanlux.es

**1.4 Emergency telephone number:** +34 934 797 494 (7:30-14:30 h.) (working hours)

### SECTION 2: HAZARDS IDENTIFICATION \*\*

#### 2.1 Classification of the substance or mixture:

#### CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412

Asp. Tox. 1: Aspiration hazard, Category 1, H304 Flam. Liq. 2: Flammable liquids, Category 2, H225 Repr. 2: Reproductive toxicity, Category 2, H361d Skin Irrit. 2: Skin irritation, Category 2, H315

STOT RE 2: Specific target organ toxicity, repeated exposure, Category 2, H373

STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

#### 2.2 Label elements:

# CLP Regulation (EC) No 1272/2008:

#### Danger







#### **Hazard statements:**

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways

Flam. Liq. 2: H225 - Highly flammable liquid and vapour Repr. 2: H361d - Suspected of damaging the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure

STOT SE 3: H336 - May cause drowsiness or dizziness

#### **Precautionary statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P280: Wear protective gloves/protective clothing/eye protection/face protection P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor

P321: Specific treatment is urgently needed (go to see a doctor with the Safety data sheet for this product)

P331: Do NOT induce vomiting

P370+P378: In case of fire: Use ABC powder extinguisher to extinguish

#### Substances that contribute to the classification

Toluene; Butanone; Hydrocarbons, C9, aromatics (EC 200-753-7 <0,1%); Ethylbenzene

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) **Page 1/14** 

<sup>\*\*</sup> Changes with regards to the previous version

<sup>\*\*</sup> Changes with regards to the previous version



# Safety data sheet According to 1907/2006/EC (REACH), 2015/830/EU

# 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

#### 3.1 Substance:

Non-applicable

#### 3.2 Mixture:

Chemical description: Mixture composed of additives and resins in solvents

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

|                         | Identification   |   | Chemical name/Classification  |                            |             |  |  |  |
|-------------------------|--|---|---|----------------------------|-------------|--|--|--|
| CAS:                    | 1330-20-7  | Xylene <sup>(1)</sup>   |   | ATP CLP00                  |             |  |  |  |
| EC:<br>Index:<br>REACH: | 215-535-7<br>601-022-00-9<br>01-2119488216-32-<br>XXXX                 | Regulation 1272/2008  | Acute Tox. 4: H312+H332; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning  |                            | 20 - <25 %  |  |  |  |
| CAS:                    | 108-88-3   | Toluene <sup>(1)</sup>  |   | ATP CLP00                  |             |  |  |  |
| EC:<br>Index:<br>REACH: | 203-625-9<br>601-021-00-3<br>01-2119471310-51-<br>XXXX                 | -2119471310-51- Regulation 1272/2008 RE 2: H373; STOT SE 3: H336 - Danger |   | (1) (a) (b)                | 20 - <25 %  |  |  |  |
| CAS:                    | 78-93-3  | Butanone <sup>(1)</sup>   |   | ATP CLP00                  |             |  |  |  |
| EC:<br>Index:<br>REACH: | 201-159-0<br>606-002-00-3<br>01-2119457290-43-<br>XXXX                 | Regulation 1272/2008  | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger  | <b>!</b>                   | 7,5 - <10 % |  |  |  |
| CAS:                    | 64742-95-6<br>918-668-5<br>Non-applicable<br>01-2119455851-35-<br>XXXX | Hydrocarbons, C9, aromatics (EC 200-753-7 <0,1%)(1) Self-classified       |   |                            |             |  |  |  |
| Index:<br>REACH:        |  | Regulation 1272/2008  | Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; STOT SE 3: H336; EUH066 - Danger                   |                            | 2,5 - <5 %  |  |  |  |
| CAS:                    | 100-41-4   | Ethylbenzene(1)   |   | ATP ATP06                  |             |  |  |  |
| EC:<br>Index:<br>REACH: | 202-849-4<br>601-023-00-4<br>01-2119489370-35-<br>XXXX                 | Regulation 1272/2008  | Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger   | (1) (8) (\$\dag{\lambda}\$ | 1,5 - <2 %  |  |  |  |
| CAS:<br>EC:             | 95-63-6  | 1,2,4-trimethylbenze  | ene(1)  | ATP CLP00                  |             |  |  |  |
| Index:                  | 202-436-9<br>601-043-00-3<br>01-2119472135-42-<br>XXXX                 | Regulation 1272/2008  | Acute Tox. 4: H332; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning | (!) (b) (£)                | 1,5 - <2 %  |  |  |  |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

# **SECTION 4: FIRST AID MEASURES**

# 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

# By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

## By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

#### By eve contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

#### By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 2/14

<sup>\*\*</sup> Changes with regards to the previous version

# Safety data sheet

According to 1907/2006/EC (REACH), 2015/830/EU

### 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 4: FIRST AID MEASURES (continued)

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

# **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>). IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

## 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### **Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

## 6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

# 6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

## 6.4 Reference to other sections:

See sections 8 and 13.

# SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

- CONTINUED ON NEXT PAGE -

# Safety data sheet

## According to 1907/2006/EC (REACH), 2015/830/EU

# 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 7: HANDLING AND STORAGE (continued)

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in designated areas that comply with the necessary safety conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to small amounts only. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

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

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 40 °C

Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace

| Identification               | [            | Environmental limits |                       |  |
|------------------------------|--------------|----------------------|-----------------------|--|
| Xylene                       | IOELV (8h)   | 50 ppm               | 221 mg/m <sup>3</sup> |  |
| CAS: 1330-20-7 EC: 215-535-7 | IOELV (STEL) | 100 ppm              | 442 mg/m <sup>3</sup> |  |
| Toluene                      | IOELV (8h)   | 50 ppm               | 192 mg/m <sup>3</sup> |  |
| CAS: 108-88-3                | IOELV (STEL) | 100 ppm              | 384 mg/m <sup>3</sup> |  |
| Butanone                     | IOELV (8h)   | 200 ppm              | 600 mg/m <sup>3</sup> |  |
| CAS: 78-93-3 EC: 201-159-0   | IOELV (STEL) | 300 ppm              | 900 mg/m <sup>3</sup> |  |
| Ethylbenzene                 | IOELV (8h)   | 100 ppm              | 442 mg/m <sup>3</sup> |  |
| CAS: 100-41-4                | IOELV (STEL) | 200 ppm              | 884 mg/m <sup>3</sup> |  |
| 1,2,4-trimethylbenzene       | IOELV (8h)   | 20 ppm               | 100 mg/m <sup>3</sup> |  |
| CAS: 95-63-6 EC: 202-436-9   | IOELV (STEL) |                      |                       |  |

# **DNEL (Workers):**

|                |            | Short exposure        |                       | Long exposure         |                       |
|----------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Identification |            | Systemic              | Local                 | Systemic              | Local                 |
| Xylene         | Oral       | Non-applicable        | Non-applicable        | Non-applicable        | Non-applicable        |
| CAS: 1330-20-7 | Dermal     | Non-applicable        | Non-applicable        | 180 mg/kg             | Non-applicable        |
| EC: 215-535-7  | Inhalation | 289 mg/m <sup>3</sup> | 289 mg/m <sup>3</sup> | 77 mg/m <sup>3</sup>  | Non-applicable        |
| Toluene        | Oral       | Non-applicable        | Non-applicable        | Non-applicable        | Non-applicable        |
| CAS: 108-88-3  | Dermal     | Non-applicable        | Non-applicable        | 384 mg/kg             | Non-applicable        |
| EC: 203-625-9  | Inhalation | 384 mg/m <sup>3</sup> | 384 mg/m <sup>3</sup> | 192 mg/m <sup>3</sup> | 192 mg/m <sup>3</sup> |

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 4/14



According to 1907/2006/EC (REACH), 2015/830/EU

# 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

|  |            | Short exposure        |                       | Long exposure         |                       |
|--|------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Identification                                   |            | Systemic              | Local                 | Systemic              | Local                 |
| Butanone   | Oral       | Non-applicable        | Non-applicable        | Non-applicable        | Non-applicable        |
| CAS: 78-93-3                                     | Dermal     | Non-applicable        | Non-applicable        | 1161 mg/kg            | Non-applicable        |
| EC: 201-159-0                                    | Inhalation | Non-applicable        | Non-applicable        | 600 mg/m <sup>3</sup> | Non-applicable        |
| Hydrocarbons, C9, aromatics (EC 200-753-7 <0,1%) | Oral       | Non-applicable        | Non-applicable        | Non-applicable        | Non-applicable        |
| CAS: 64742-95-6                                  | Dermal     | Non-applicable        | Non-applicable        | 25 mg/kg              | Non-applicable        |
| EC: 918-668-5                                    | Inhalation | Non-applicable        | Non-applicable        | 150 mg/m <sup>3</sup> | Non-applicable        |
| Ethylbenzene                                     | Oral       | Non-applicable        | Non-applicable        | Non-applicable        | Non-applicable        |
| CAS: 100-41-4                                    | Dermal     | Non-applicable        | Non-applicable        | 180 mg/kg             | Non-applicable        |
| EC: 202-849-4                                    | Inhalation | Non-applicable        | 293 mg/m <sup>3</sup> | 77 mg/m³              | Non-applicable        |
| 1,2,4-trimethylbenzene                           | Oral       | Non-applicable        | Non-applicable        | Non-applicable        | Non-applicable        |
| CAS: 95-63-6                                     | Dermal     | Non-applicable        | Non-applicable        | 16171 mg/kg           | Non-applicable        |
| EC: 202-436-9                                    | Inhalation | 100 mg/m <sup>3</sup> | 100 mg/m <sup>3</sup> | 100 mg/m <sup>3</sup> | 100 mg/m <sup>3</sup> |

# **DNEL (General population):**

|  |            | Short exposure         |                        | Long exposure          |                        |
|--|------------|------------------------|------------------------|------------------------|------------------------|
| Identification                                   |            | Systemic               | Local                  | Systemic               | Local                  |
| Xylene   | Oral       | Non-applicable         | Non-applicable         | 1,6 mg/kg              | Non-applicable         |
| CAS: 1330-20-7                                   | Dermal     | Non-applicable         | Non-applicable         | 108 mg/kg              | Non-applicable         |
| EC: 215-535-7                                    | Inhalation | Non-applicable         | Non-applicable         | 14,8 mg/m <sup>3</sup> | Non-applicable         |
| Toluene  | Oral       | Non-applicable         | Non-applicable         | 8,13 mg/kg             | Non-applicable         |
| CAS: 108-88-3                                    | Dermal     | Non-applicable         | Non-applicable         | 226 mg/kg              | Non-applicable         |
| EC: 203-625-9                                    | Inhalation | 226 mg/m <sup>3</sup>  | 226 mg/m <sup>3</sup>  | 56,5 mg/m <sup>3</sup> | 56,5 mg/m <sup>3</sup> |
| Butanone   | Oral       | Non-applicable         | Non-applicable         | 31 mg/kg               | Non-applicable         |
| CAS: 78-93-3                                     | Dermal     | Non-applicable         | Non-applicable         | 412 mg/kg              | Non-applicable         |
| EC: 201-159-0                                    | Inhalation | Non-applicable         | Non-applicable         | 106 mg/m <sup>3</sup>  | Non-applicable         |
| Hydrocarbons, C9, aromatics (EC 200-753-7 <0,1%) | Oral       | Non-applicable         | Non-applicable         | 11 mg/kg               | Non-applicable         |
| CAS: 64742-95-6                                  | Dermal     | Non-applicable         | Non-applicable         | 11 mg/kg               | Non-applicable         |
| EC: 918-668-5                                    | Inhalation | Non-applicable         | Non-applicable         | 32 mg/m <sup>3</sup>   | Non-applicable         |
| Ethylbenzene                                     | Oral       | Non-applicable         | Non-applicable         | 1,6 mg/kg              | Non-applicable         |
| CAS: 100-41-4                                    | Dermal     | Non-applicable         | Non-applicable         | Non-applicable         | Non-applicable         |
| EC: 202-849-4                                    | Inhalation | Non-applicable         | Non-applicable         | 15 mg/m <sup>3</sup>   | Non-applicable         |
| 1,2,4-trimethylbenzene                           | Oral       | Non-applicable         | Non-applicable         | 15 mg/kg               | Non-applicable         |
| CAS: 95-63-6                                     | Dermal     | Non-applicable         | Non-applicable         | 9512 mg/kg             | Non-applicable         |
| EC: 202-436-9                                    | Inhalation | 29,4 mg/m <sup>3</sup> | 29,4 mg/m <sup>3</sup> | 29,4 mg/m <sup>3</sup> | 29,4 mg/m <sup>3</sup> |

# PNEC:

| Identification |              |                |                         |              |
|----------------|--------------|----------------|-------------------------|--------------|
| Xylene         | STP          | 6,58 mg/L      | Fresh water             | 0,327 mg/L   |
| CAS: 1330-20-7 | Soil         | 2,31 mg/kg     | Marine water            | 0,327 mg/L   |
| EC: 215-535-7  | Intermittent | 0,327 mg/L     | Sediment (Fresh water)  | 12,46 mg/kg  |
|                | Oral         | Non-applicable | Sediment (Marine water) | 12,46 mg/kg  |
| Toluene        | STP          | 13,61 mg/L     | Fresh water             | 0,68 mg/L    |
| CAS: 108-88-3  | Soil         | 2,89 mg/kg     | Marine water            | 0,68 mg/L    |
| EC: 203-625-9  | Intermittent | 0,68 mg/L      | Sediment (Fresh water)  | 16,39 mg/kg  |
|                | Oral         | Non-applicable | Sediment (Marine water) | 16,39 mg/kg  |
| Butanone       | STP          | 709 mg/L       | Fresh water             | 55,8 mg/L    |
| CAS: 78-93-3   | Soil         | 22,5 mg/kg     | Marine water            | 55,8 mg/L    |
| EC: 201-159-0  | Intermittent | 55,8 mg/L      | Sediment (Fresh water)  | 284,74 mg/kg |
|                | Oral         | 1000 g/kg      | Sediment (Marine water) | 284,7 mg/kg  |
| Ethylbenzene   | STP          | 9,6 mg/L       | Fresh water             | 0,1 mg/L     |
| CAS: 100-41-4  | Soil         | 2,68 mg/kg     | Marine water            | 0,01 mg/L    |
| EC: 202-849-4  | Intermittent | 0,1 mg/L       | Sediment (Fresh water)  | 13,7 mg/kg   |
|                | Oral         | 20 g/kg        | Sediment (Marine water) | 1,37 mg/kg   |

- CONTINUED ON NEXT PAGE -

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 5/14



According to 1907/2006/EC (REACH), 2015/830/EU

# 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification         |              |                |                         |             |
|------------------------|--------------|----------------|-------------------------|-------------|
| 1,2,4-trimethylbenzene | STP          | 2,41 mg/L      | Fresh water             | 0,12 mg/L   |
| CAS: 95-63-6           | Soil         | 2,34 mg/kg     | Marine water            | 0,12 mg/L   |
| EC: 202-436-9          | Intermittent | 0,12 mg/L      | Sediment (Fresh water)  | 13,56 mg/kg |
|                        | Oral         | Non-applicable | Sediment (Marine water) | 13,56 mg/kg |

#### 8.2 Exposure controls:

A.- General security and hygiene measures in the work place

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

#### B.- Respiratory protection

| Pictogram                                    | PPE   | Labelling | CEN Standard                               | Remarks   |
|--|---|-----------|--|---|
| Mandatory<br>respiratory tract<br>protection | Filter mask for gases,<br>vapours and particles | CAT III   | EN 149:2001+A1:2009<br>EN 405:2001+A1:2009 | Replace when an increase in resistence to breathing is observed and/or a smell or taste of the contaminant is detected. |

### C.- Specific protection for the hands

| Pictogram                 | PPE                                       | Labelling | CEN Standard  | Remarks  |
|---------------------------|---|-----------|---|--|
| Mandatory hand protection | NON-disposable chemical protective gloves | CAT III   | EN ISO 374-1:2016<br>EN 16523-1:2015<br>EN 420:2003+A1:2009 | The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. |

<sup>&</sup>quot;As the product is a mixture of several substances, the resistance of the glove material can not be predicted in advance with total reliability and has therefore to be checked prior to the application"

## D.- Ocular and facial protection

| Pictogram                 | PPE         | Labelling | CEN Standard  | Remarks   |
|---------------------------|-------------|-----------|---|---|
| Mandatory face protection | Face shield | CATII     | EN 166:2001<br>EN 167:2001<br>EN 168:2001<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

# E.- Body protection

| Pictogram                          | PPE  | Labelling | CEN Standard  | Remarks   |
|------------------------------------|--|-----------|---|---|
| Mandatory complete body protection | Disposable clothing for<br>protection against chemical<br>risks, with antistatic and<br>fireproof properties | CAT III   | EN 1149-1,2,3<br>EN 13034:2005+A1:2009<br>EN ISO 13982-<br>1:2004/A1:2010<br>EN ISO 6529:2013<br>EN ISO 6530:2005<br>EN ISO 13688:2013<br>EN 464:1994 | For professional use only. Clean periodically according to the manufacturer's instructions. |
| Mandatory foot protection          | Safety footwear for<br>protection against chemical<br>risk, with antistatic and heat<br>resistant properties | CAT III   | EN ISO 13287:2012<br>EN ISO 20345:2011<br>EN 13832-1:2019   | Replace boots at any sign of deterioration.   |

# F.- Additional emergency measures

| Emergency measure | Standards                                       | Emergency measure | Standards                                      |
|-------------------|---|-------------------|--|
| +                 | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <b>*</b> T        | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |
| Emergency shower  |   | Eyewash stations  |  |

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) **Page 6/14** 

# Safety data sheet According to 1907/2006/EC (REACH), 2015/830/EU

## 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

#### **Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

#### **Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply): 56,75 % weight

V.O.C. density at 20 °C: 559,12 kg/m³ (559,12 g/L)

Average carbon number: 7,2

Average molecular weight: 97,95 g/mol

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:

Appearance:

Colour:

Colourless

Odour:

Characteristic

Odour threshold:

Non-applicable \*

Volatility:

Boiling point at atmospheric pressure: >60 °C
Vapour pressure at 20 °C: 3149 Pa

Vapour pressure at 50 °C: 12646,62 Pa (12,65 kPa)

Evaporation rate at 20 °C: Non-applicable \*

**Product description:** 

Density at 20 °C: 990 kg/m³
Relative density at 20 °C: 0,985

Dynamic viscosity at 20 °C:

Kinematic viscosity at 20 °C:

Kinematic viscosity at 40 °C:

Concentration:

Non-applicable \*

Non-applicable \*

Non-applicable \*

pH: Non-applicable \* Vapour density at 20 °C: Non-applicable \* Partition coefficient n-octanol/water 20 °C: Non-applicable \* Solubility in water at 20 °C: Non-applicable \* Non-applicable \* Solubility properties: Decomposition temperature: Non-applicable \* Melting point/freezing point: Non-applicable \* Explosive properties: Non-applicable \* Oxidising properties: Non-applicable \*

Flammability:

Flash Point: >14 °C

Flammability (solid, gas): Non-applicable \*

Autoignition temperature: 432 °C

stNot relevant due to the nature of the product, not providing information property of its hazards.

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 7/14



According to 1907/2006/EC (REACH), 2015/830/EU

# 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Lower flammability limit: Not available Upper flammability limit: Not available

**Explosive:** 

Lower explosive limit:

Upper explosive limit:

Non-applicable \*
Non-applicable \*

9.2 Other information:

Surface tension at 20 °C:

Refraction index:

Non-applicable \*

Non-applicable \*

# SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

#### 10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight            | Humidity       |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Not applicable     | Not applicable   | Risk of combustion      | Avoid direct impact | Not applicable |

#### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials Combustible materials |                | Others                        |
|--------------------|----------------|---|----------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact                       | Not applicable | Avoid alkalis or strong bases |

## 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

# SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
  - Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):

<sup>\*</sup>Not relevant due to the nature of the product, not providing information property of its hazards.



According to 1907/2006/EC (REACH), 2015/830/EU

### 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.

IARC: Ethylbenzene (2B); Xylene (3); Toluene (3)

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Suspected of damaging the unborn child.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
  - Skin: Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.
- H- Aspiration hazard:

The consumption of a considerable dose can cause pulmonary damage.

# Other information:

# Specific toxicology information on the substances:

| Identification         | Ac              | Acute toxicity       |        |
|------------------------|-----------------|----------------------|--------|
| Ethylbenzene           | LD50 oral       | 3500 mg/kg           | Rat    |
| CAS: 100-41-4          | LD50 dermal     | 15354 mg/kg          | Rabbit |
| EC: 202-849-4          | LC50 inhalation | 17,2 mg/L (4 h)      | Rat    |
| 1,2,4-trimethylbenzene | LD50 oral       | 3400 mg/kg           | Rat    |
| CAS: 95-63-6           | LD50 dermal     | 3160 mg/kg           | Rabbit |
| EC: 202-436-9          | LC50 inhalation | 11 mg/L (4 h)        | Rat    |
| Butanone               | LD50 oral       | 4000 mg/kg           | Rat    |
| CAS: 78-93-3           | LD50 dermal     | 6400 mg/kg           | Rabbit |
| EC: 201-159-0          | LC50 inhalation | 23,5 mg/L (4 h)      | Rat    |
| Xylene                 | LD50 oral       | 2100 mg/kg           | Rat    |
| CAS: 1330-20-7         | LD50 dermal     | 1100 mg/kg (ATEi)    | Rat    |
| EC: 215-535-7          | LC50 inhalation | 11 mg/L (4 h) (ATEi) |        |
| Toluene                | LD50 oral       | 5580 mg/kg           | Rat    |
| CAS: 108-88-3          | LD50 dermal     | 12124 mg/kg          | Rat    |
| EC: 203-625-9          | LC50 inhalation | 28,1 mg/L (4 h)      | Rat    |

# SECTION 12: ECOLOGICAL INFORMATION \*\*

The experimental information related to the eco-toxicological properties of the product itself is not available

# 12.1 Toxicity:

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 9/14

<sup>\*\*</sup> Changes with regards to the previous version



# Safety data sheet According to 1907/2006/EC (REACH), 2015/830/EU

# 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

| Identification                                   |      | Acute toxicity     | Species                 | Genus      |
|--|------|--------------------|-------------------------|------------|
| Xylene   | LC50 | 13.5 mg/L (96 h)   | Oncorhynchus mykiss     | Fish       |
| CAS: 1330-20-7                                   | EC50 | 3.4 mg/L (48 h)    | Ceriodaphnia dubia      | Crustacean |
| EC: 215-535-7                                    | EC50 | 10 mg/L (72 h)     | Skeletonema costatum    | Algae      |
| Toluene  | LC50 | 13 mg/L (96 h)     | Carassius auratus       | Fish       |
| CAS: 108-88-3                                    | EC50 | 11.5 mg/L (48 h)   | Daphnia magna           | Crustacean |
| EC: 203-625-9                                    | EC50 | 125 mg/L (48 h)    | Scenedesmus subspicatus | Algae      |
| Butanone   | LC50 | 3220 mg/L (96 h)   | Pimephales promelas     | Fish       |
| CAS: 78-93-3                                     | EC50 | 5091 mg/L (48 h)   | Daphnia magna           | Crustacean |
| EC: 201-159-0                                    | EC50 | 4300 mg/L (168 h)  | Scenedesmus quadricauda | Algae      |
| Hydrocarbons, C9, aromatics (EC 200-753-7 <0,1%) | LC50 | 1 - 10 mg/L (96 h) |                         | Fish       |
| CAS: 64742-95-6                                  | EC50 | 1 - 10 mg/L        |                         | Crustacean |
| EC: 918-668-5                                    | EC50 | 1 - 10 mg/L        |                         | Algae      |
| Ethylbenzene                                     | LC50 | 42.3 mg/L (96 h)   | Pimephales promelas     | Fish       |
| CAS: 100-41-4                                    | EC50 | 75 mg/L (48 h)     | Daphnia magna           | Crustacean |
| EC: 202-849-4                                    | EC50 | 63 mg/L (3 h)      | Chlorella vulgaris      | Algae      |
| 1,2,4-trimethylbenzene                           | LC50 | 7.72 mg/L (96 h)   | Pimephales promelas     | Fish       |
| CAS: 95-63-6                                     | EC50 | 6.14 mg/L (48 h)   | Daphnia magna           | Crustacean |
| EC: 202-436-9                                    | EC50 | Non-applicable     |                         |            |

# 12.2 Persistence and degradability:

| Identification         | Degradability Biodegradabi |                | oility          |                |
|------------------------|----------------------------|----------------|-----------------|----------------|
| Xylene                 | BOD5                       | Non-applicable | Concentration   | Non-applicable |
| CAS: 1330-20-7         | COD                        | Non-applicable | Period          | 28 days        |
| EC: 215-535-7          | BOD5/COD                   | Non-applicable | % Biodegradable | 88 %           |
| Toluene                | BOD5                       | 2.5 g O2/g     | Concentration   | 100 mg/L       |
| CAS: 108-88-3          | COD                        | Non-applicable | Period          | 14 days        |
| EC: 203-625-9          | BOD5/COD                   | Non-applicable | % Biodegradable | 100 %          |
| Butanone               | BOD5                       | 2.03 g O2/g    | Concentration   | Non-applicable |
| CAS: 78-93-3           | COD                        | 2.31 g O2/g    | Period          | 20 days        |
| EC: 201-159-0          | BOD5/COD                   | 0.88           | % Biodegradable | 89 %           |
| Ethylbenzene           | BOD5                       | Non-applicable | Concentration   | 100 mg/L       |
| CAS: 100-41-4          | COD                        | Non-applicable | Period          | 14 days        |
| EC: 202-849-4          | BOD5/COD                   | Non-applicable | % Biodegradable | 90 %           |
| 1,2,4-trimethylbenzene | BOD5                       | Non-applicable | Concentration   | 100 mg/L       |
| CAS: 95-63-6           | COD                        | Non-applicable | Period          | 28 days        |
| EC: 202-436-9          | BOD5/COD                   | 0.43           | % Biodegradable | 18 %           |

# 12.3 Bioaccumulative potential:

| Identification         | Bioaccumulation potential |      |
|------------------------|---------------------------|------|
| Xylene                 | BCF                       | 9    |
| CAS: 1330-20-7         | Pow Log                   | 2.77 |
| EC: 215-535-7          | Potential                 | Low  |
| Toluene                | BCF                       | 13   |
| CAS: 108-88-3          | Pow Log                   | 2.73 |
| EC: 203-625-9          | Potential                 | Low  |
| Butanone               | BCF                       | 3    |
| CAS: 78-93-3           | Pow Log                   | 0.29 |
| EC: 201-159-0          | Potential                 | Low  |
| Ethylbenzene           | BCF                       | 1    |
| CAS: 100-41-4          | Pow Log                   | 3.15 |
| EC: 202-849-4          | Potential                 | Low  |
| 1,2,4-trimethylbenzene | BCF                       | 154  |
| CAS: 95-63-6           | Pow Log                   | 3.78 |
| EC: 202-436-9          | Potential                 | High |

<sup>\*\*</sup> Changes with regards to the previous version

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 10/14



According to 1907/2006/EC (REACH), 2015/830/EU

### 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

### 12.4 Mobility in soil:

| Identification         | Absorpti        | on/desorption        | Volat      | ility            |
|------------------------|-----------------|----------------------|------------|------------------|
| Xylene                 | Koc             | 202                  | Henry      | 524,86 Pa·m³/mol |
| CAS: 1330-20-7         | Conclusion      | Moderate             | Dry soil   | Yes              |
| EC: 215-535-7          | Surface tension | Non-applicable       | Moist soil | Yes              |
| Toluene                | Koc             | 178                  | Henry      | 672,8 Pa·m³/mol  |
| CAS: 108-88-3          | Conclusion      | Moderate             | Dry soil   | Yes              |
| EC: 203-625-9          | Surface tension | 2,793E-2 N/m (25 °C) | Moist soil | Yes              |
| Butanone               | Koc             | 30                   | Henry      | 5,77 Pa·m³/mol   |
| CAS: 78-93-3           | Conclusion      | Very High            | Dry soil   | Yes              |
| EC: 201-159-0          | Surface tension | 2,396E-2 N/m (25 °C) | Moist soil | Yes              |
| Ethylbenzene           | Koc             | 520                  | Henry      | 798,44 Pa·m³/mol |
| CAS: 100-41-4          | Conclusion      | Moderate             | Dry soil   | Yes              |
| EC: 202-849-4          | Surface tension | 2,859E-2 N/m (25 °C) | Moist soil | Yes              |
| 1,2,4-trimethylbenzene | Koc             | 537                  | Henry      | 624,16 Pa·m³/mol |
| CAS: 95-63-6           | Conclusion      | Low                  | Dry soil   | Yes              |
| EC: 202-436-9          | Surface tension | 2,919E-2 N/m (25 °C) | Moist soil | Yes              |

#### 12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

#### 12.6 Other adverse effects:

Not described

# **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods:

| Code      | Description   | Waste class (Regulation (EU) No<br>1357/2014) |  |
|-----------|---|---|--|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances | Dangerous                                     |  |

### Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP3 Flammable, HP6 Acute Toxicity, HP10 Toxic for reproduction, HP4 Irritant — skin irritation and eye damage

# Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

## Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

# **SECTION 14: TRANSPORT INFORMATION**

# Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:

<sup>\*\*</sup> Changes with regards to the previous version





### 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 14: TRANSPORT INFORMATION (continued)



UN1263 14.1 UN number: 14.2 UN proper shipping name: PAINT 14.3 Transport hazard class(es): Labels: 3

ΙΙ 14.4 Packing group: 14.5 Environmental hazards: No

14.6 Special precautions for user

Special regulations: 163, 367, 640D, 650

Tunnel restriction code: D/E

Physico-Chemical properties: see section 9

Limited quantities: 5 L

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:

Non-applicable

#### Transport of dangerous goods by sea:

With regard to IMDG 38-16:



14.1 UN number: UN1263 14.2 UN proper shipping name: **PAINT** 14.3 Transport hazard class(es): 3 Labels: 3 14.4 Packing group: TT No

14.5 Environmental hazards: 14.6 Special precautions for user

Special regulations: 367, 163 EmS Codes: F-E, S-E Physico-Chemical properties: see section 9

Limited quantities: 5 I

Non-applicable Segregation group: 14.7 Transport in bulk according Non-applicable

to Annex II of Marpol and the IBC Code:

# Transport of dangerous goods by air:

With regard to IATA/ICAO 2019:



UN1263 14.1 UN number: 14.2 UN proper shipping name: PAINT 14.3 Transport hazard class(es): 3 3 Labels: ΙΙ 14.4 Packing group: Nο

14.5 Environmental hazards:

14.6 Special precautions for user

Physico-Chemical properties: see section 9 14.7 Transport in bulk according Non-applicable

to Annex II of Marpol and the IBC Code:

# **SECTION 15: REGULATORY INFORMATION**

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 12/14

# Safety data sheet

According to 1907/2006/EC (REACH), 2015/830/EU

### 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 15: REGULATORY INFORMATION (continued)

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---------|-------------|-------------------------|-------------------------|
| P5c     |             | 5000                    | 50000                   |

# Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Contains more than 0.1 % of Toluene by weight. Shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight where the substance or mixture is used in adhesives or spray paints intended for supply to the general public.

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- "whoopee" cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:

'For professional users only'.

Shall not be used in:

- —ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- -tricks and jokes,
- —games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

## Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

# SECTION 16: OTHER INFORMATION \*\*

#### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

# Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 12):

- · New declared substances
  - Hydrocarbons, C9, aromatics (EC 200-753-7 < 0,1%) (64742-95-6)
- · Removed substances

Mesitylene (108-67-8)

N-propyl Benzene (103-65-1)

Aromatic hydrocarbons, C8 (90989-38-1)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- · Hazard statements
- · Precautionary statements

## Texts of the legislative phrases mentioned in section 2:

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 13/14

<sup>\*\*</sup> Changes with regards to the previous version

#### Safety data sheet

According to 1907/2006/EC (REACH), 2015/830/EU

### 1320003 - CLEAR POLYURETHANE UNDERCOAT

# SECTION 16: OTHER INFORMATION \*\* (continued)

H373: May cause damage to organs through prolonged or repeated exposure

H315: Causes skin irritation

H412: Harmful to aquatic life with long lasting effects

H336: May cause drowsiness or dizziness

H361d: Suspected of damaging the unborn child. H304: May be fatal if swallowed and enters airways

H225: Highly flammable liquid and vapour

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled

Acute Tox. 4: H332 - Harmful if inhaled

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways

Eye Irrit. 2: H319 - Causes serious eye irritation Flam. Liq. 2: H225 - Highly flammable liquid and vapour Flam. Liq. 3: H226 - Flammable liquid and vapour Repr. 2: H361d - Suspected of damaging the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure

STOT SE 3: H335 - May cause respiratory irritation STOT SE 3: H336 - May cause drowsiness or dizziness

#### Classification procedure:

STOT RE 2: Calculation method Skin Irrit. 2: Calculation method Aquatic Chronic 3: Calculation method STOT SE 3: Calculation method Repr. 2: Calculation method Asp. Tox. 1: Calculation method Flam. Liq. 2: Calculation method (2.6.4.3)

# Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

# Principal bibliographical sources:

http://echa.europa.eu http://eur-lex.europa.eu

# **Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

Date of compilation: 07/02/2013 Revised: 04/12/2019 Version: 3 (Replaced 2) Page 14/14

<sup>\*\*</sup> Changes with regards to the previous version