# SAFETY DATA SHEET



UNIVERSALPRIMER 0216-00 - All variants

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

1.1 Product identifier

**Product name** : UNIVERSALPRIMER 0216-00 - All variants

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

**Product use** : Paint.

1.3 Details of the supplier of the safety data sheet

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person responsible for this SDS

: Prod-safe@teknos.com

**National contact** 

Teknos Ireland Limited, 52 Ballymoughan Road, Magherafelt, BT45 6HN, UK. Tel. +44 (0) 2879 301 472.

#### 1.4 Emergency telephone number

**National advisory body/Poison Centre** : NHS: 111 Telephone number

### SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 **STOT SE 3, H335 STOT SE 3, H336 STOT RE 2, H373** Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Ingredients of unknown toxicity

: 34 percent of the mixture consists of component(s) of unknown acute oral toxicity 34 percent of the mixture consists of component(s) of unknown acute dermal toxicity 34 percent of the mixture consists of component(s) of unknown acute inhalation toxicity

Ingredients of unknown ecotoxicity

: Contains 34% of components with unknown hazards to the aquatic environment

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard pictograms** 











Signal word : Danger

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### **SECTION 2: Hazards identification**

#### **Hazard statements**

: H226 - Flammable liquid and vapour.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage. H335 - May cause respiratory irritation. H336 - May cause drowsiness or dizziness.

H373 - May cause damage to organs through prolonged or repeated exposure.

H411 - Toxic to aquatic life with long lasting effects.

### **Precautionary statements**

Prevention

: P280 - Wear protective gloves. Wear eye or face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P273 - Avoid release to the environment.

Response

: P391 - Collect spillage.

Storage Disposal

: P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
: P501 - Dispose of contents and container in accordance with all local, regional,

national and international regulations.

**Hazardous ingredients** 

Contains: n-Butyl acetate; iso-butanol; Xylene and Reaction product: bisphenol A-

Supplemental label elements

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

#### 2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do not result in classification

: None known.

# **SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures : Mixture

| Product/ingredient name | Identifiers  | %         | Classification  | Specific Conc.<br>Limits, M-factors<br>and ATEs                             | Туре    |
|-------------------------|--|-----------|---|---|---------|
| r-Butyl acetate         | REACH #:<br>01-2119485493-29<br>EC: 204-658-1<br>CAS: 123-86-4<br>Index: 607-025-00-1  | ≥10 - ≤25 | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>EUH066   | -   | [1] [2] |
| iso-butanol             | REACH #:<br>01-2119484609-23<br>EC: 201-148-0<br>CAS: 78-83-1<br>Index: 603-108-00-1   | ≥10 - ≤25 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>STOT SE 3, H336   | -   | [1] [2] |
| Xylene                  | REACH #:<br>01-2119488216-32<br>EC: 215-535-7<br>CAS: 1330-20-7<br>Index: 601-022-00-9 | ≥10 - ≤25 | Flam. Liq. 3, H226<br>Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373 | ATE [Dermal] =<br>1100 mg/kg<br>ATE [Inhalation<br>(vapours)] = 11 mg/<br>I | [1] [2] |

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# **SECTION 3: Composition/information on ingredients**

|  |   |     | <u> </u>   |  |         |
|--|---|-----|--|--|---------|
|  |   |     | (oral, inhalation)<br>Asp. Tox. 1, H304  |  |         |
| Trizinc bis(orthophosphate)  | REACH #:<br>01-2119485044-40<br>EC: 231-944-3<br>CAS: 7779-90-0<br>Index: 030-011-00-6  | ≤10 | Aquatic Acute 1, H400<br>Aquatic Chronic 1,<br>H410  | M [Acute] = 1<br>M [Chronic] = 1                                       | [1]     |
| Reaction product:<br>bisphenol A-<br>(epichlorhydrin); epoxy<br>resin (number average<br>molecular weight <=700) | REACH #:<br>01-2119456619-26<br>EC: 500-033-5<br>CAS: 25068-38-6<br>Index: 603-074-00-8 | ≤5  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2,<br>H411                              | Skin Irrit. 2, H315:<br>C ≥ 5%<br>Eye Irrit. 2, H319:<br>C ≥ 5%        | [1]     |
| Ethylbenzene   | REACH #:<br>01-2119489370-35<br>EC: 202-849-4<br>CAS: 100-41-4<br>Index: 601-023-00-4   | ≤3  | Flam. Liq. 2, H225<br>Acute Tox. 4, H332<br>STOT RE 2, H373<br>(hearing organs) (oral,<br>inhalation)<br>Asp. Tox. 1, H304 | ATE [Inhalation<br>(vapours)] = 11 mg/<br>I                            | [1] [2] |
| 2-butoxyethyl acetate  | REACH #:<br>01-2119475112-47<br>EC: 203-933-3<br>CAS: 112-07-2<br>Index: 607-038-00-2   | ≤3  | Acute Tox. 4, H312<br>Acute Tox. 4, H332   | ATE [Dermal] =<br>1500 mg/kg<br>ATE [Inhalation<br>(vapours)] = 11 mg/ | [1] [2] |
| Ethanol  | REACH #:<br>01-2119457610-43<br>EC: 200-578-6<br>CAS: 64-17-5<br>Index: 603-002-00-5    | ≤3  | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319   | -  | [1] [2] |
|  |   |     | See Section 16 for<br>the full text of the H<br>statements declared<br>above.  |  |         |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

### **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

**Eye contact** 

: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Inhalation

: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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### **SECTION 4: First aid measures**

#### Skin contact

: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

### Ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### **Protection of first-aiders**

: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:

> watering redness

Inhalation : Adverse symptoms may include the following:

respiratory tract irritation

coughing

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness

Skin contact : Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

: Adverse symptoms may include the following: Ingestion

stomach pains

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

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

# SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing

media

: Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing** 

media

: Do not use water jet.

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

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## SECTION 5: Firefighting measures

Hazards from the substance or mixture

: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous combustion products

 Decomposition products may include the following materials: carbon dioxide carbon monoxide phosphorus oxides halogenated compounds

#### 5.3 Advice for firefighters

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### **SECTION 6: Accidental release measures**

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

metal oxide/oxides

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions** 

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

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

**Small spill** 

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

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6.4 Reference to other sections

: See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

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# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

#### **Protective measures**

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

# Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### **Seveso Directive - Reporting thresholds**

### **Danger criteria**

| Category | Notification and MAPP threshold | Safety report threshold |  |
|----------|---------------------------------|-------------------------|--|
| P5c      | 5000 tonnes                     | 50000 tonnes            |  |
| E2       | 200 tonnes                      | 500 tonnes              |  |

### 7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific : Not available.

solutions

# **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

### **Occupational exposure limits**

| Product/ingredient name | Exposure limit values                        |  |  |
|-------------------------|--|--|--|
| <b>⋈</b> -Butyl acetate | EH40/2005 WELs (United Kingdom (UK), 1/2020) |  |  |
|                         | STEL 15 minutes: 966 mg/m³.                  |  |  |
|                         | STEL 15 minutes: 200 ppm.                    |  |  |
|                         | TWA 8 hours: 724 mg/m³.                      |  |  |
|                         | TWA 8 hours: 150 ppm.                        |  |  |
| iso-butanol             | EH40/2005 WELs (United Kingdom (UK), 1/2020) |  |  |
|                         | STEL 15 minutes: 231 mg/m³.                  |  |  |
|                         | STEL 15 minutes: 75 ppm.                     |  |  |
|                         | TWA 8 hours: 154 mg/m³.                      |  |  |
|                         | TWA 8 hours: 50 ppm.                         |  |  |
|                         |  |  |  |

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| Xylene                | EH40/2005 WELs (United Kingdom (UK), 1/2020) [xylene, o-,m-, |
|-----------------------|--|
|                       | p- or mixed isomers] Absorbed through skin.                  |
|                       | STEL 15 minutes: 441 mg/m³.                                  |
|                       | TWA 8 hours: 50 ppm.   |
|                       | TWA 8 hours: 220 mg/m³.                                      |
|                       | STEL 15 minutes: 100 ppm.                                    |
| Ethylbenzene          | EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed        |
|                       | through skin.  |
|                       | STEL 15 minutes: 552 mg/m³.                                  |
|                       | STEL 15 minutes: 125 ppm.                                    |
|                       | TWA 8 hours: 100 ppm.  |
|                       | TWA 8 hours: 441 mg/m³.                                      |
| 2-butoxyethyl acetate | EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed        |
|                       | through skin.  |
|                       | TWA 8 hours: 20 ppm.   |
|                       | STEL 15 minutes: 50 ppm.                                     |
|                       | STEL 15 minutes: 332 mg/m³.                                  |
|                       | TWA 8 hours: 133 mg/m³.                                      |
| Ethanol               | EH40/2005 WELs (United Kingdom (UK), 1/2020)                 |
|                       | TWA 8 hours: 1000 ppm.                                       |
|                       | TWA 8 hours: 1920 mg/m³.                                     |

### **Biological exposure indices**

| Product/ingredient name | Exposure indices  |  |  |
|-------------------------|---|--|--|
|                         | EH40/2005 BMGVs (United Kingdom (UK), 1/2020) [Xylene, o-, m-, p- or mixed isomers]  BGV: 650 mmol/mol creatinine, methyl hippuric acid [in urine]. |  |  |
|                         | Sampling time: post shift.  |  |  |

# Recommended monitoring procedures

: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### **DNELs/DMELs**

Product/ingredient name

n-Butyl acetate

#### Result

DNEL - General population - Long term - Oral

2 mg/kg bw/day Effects: Systemic

DNEL - General population - Short term - Oral

2 mg/kg bw/day Effects: Systemic

**DNEL - General population - Long term - Dermal** 

3.4 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - General population - Short term - Dermal** 

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6 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Long term - Dermal** 

7 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Short term - Dermal** 

11 mg/kg bw/day Effects: Systemic

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DNEL - General population - Long term - Inhalation

12 mg/m<sup>3</sup>

Effects: Systemic

DNEL - General population - Long term - Inhalation

35.7 mg/m³ Effects: Local

**DNEL - Workers - Long term - Inhalation** 

48 mg/m<sup>3</sup>

Effects: Systemic

DNEL - General population - Short term - Inhalation

300 mg/m³ Effects: Local

DNEL - General population - Short term - Inhalation

300 mg/m³ Effects: Systemic

**DNEL - Workers - Long term - Inhalation** 

300 mg/m³ Effects: Local

**DNEL - Workers - Short term - Inhalation** 

600 mg/m³ Effects: Local

**DNEL - Workers - Short term - Inhalation** 

600 mg/m³ Effects: Systemic

DNEL - General population - Long term - Inhalation

55 mg/m³ Effects: Local

**DNEL - Workers - Long term - Inhalation** 

310 mg/m³ Effects: Local

DNEL - General population - Long term - Oral

5 mg/kg bw/day Effects: Systemic

DNEL - General population - Long term - Inhalation

65.3 mg/m³ Effects: Local

DNEL - General population - Long term - Inhalation

65.3 mg/m³ Effects: Systemic

**DNEL - General population - Long term - Dermal** 

125 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - Workers - Long term - Dermal** 

212 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Long term - Inhalation** 

221 mg/m³ Effects: Local

iso-butanol

**Xylene** 

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**DNEL - Workers - Long term - Inhalation** 

221 mg/m³ Effects: Systemic

DNEL - General population - Short term - Inhalation

260 mg/m³ Effects: Local

DNEL - General population - Short term - Inhalation

260 mg/m³

Effects: Systemic

**DNEL - Workers - Short term - Inhalation** 

442 mg/m³ Effects: Local

**DNEL - Workers - Short term - Inhalation** 

442 mg/m³

Effects: Systemic

DMEL - Workers - Long term - Inhalation

442 mg/m³ Effects: Local

**DMEL - Workers - Short term - Inhalation** 

884 mg/m³
Effects: Systemic

DNEL - General population - Long term - Oral

1.6 mg/kg bw/day Effects: Systemic

DNEL - General population - Long term - Inhalation

15 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Inhalation** 

77 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Dermal** 

180 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Short term - Inhalation** 

293 mg/m³ Effects: Local

DNEL - General population - Long term - Inhalation

80 mg/m<sup>3</sup>

Effects: Systemic

**DNEL - Workers - Long term - Inhalation** 

133 mg/m³ Effects: Systemic

DNEL - General population - Short term - Inhalation

200 mg/m³ Effects: Local

DNEL - General population - Long term - Oral

8.6 mg/kg bw/day Effects: Systemic

DNEL - General population - Short term - Oral

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36 mg/kg bw/day

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Ethylbenzene

2-butoxyethyl acetate

Effects: Systemic

**DNEL - General population - Short term - Dermal** 

72 mg/kg bw/day Effects: Systemic

DNEL - General population - Long term - Dermal

102 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Short term - Dermal** 

120 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Long term - Dermal** 

169 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Short term - Inhalation** 

333 mg/m<sup>3</sup> Effects: Local

**DNEL - Workers - Long term - Inhalation** 

380 mg/m<sup>3</sup> Effects: Systemic

DNEL - General population - Long term - Oral

87 mg/kg bw/day Effects: Systemic

DNEL - General population - Long term - Inhalation

114 mg/m<sup>3</sup> Effects: Systemic

**DNEL - General population - Long term - Dermal** 

206 mg/kg bw/day Effects: Systemic

**DNEL - Workers - Long term - Dermal** 

343 mg/kg bw/day Effects: Systemic

DNEL - General population - Short term - Inhalation

950 mg/m<sup>3</sup> Effects: Local

**DNEL - Workers - Short term - Inhalation** 

1900 mg/m<sup>3</sup> Effects: Local

### **PNECs**

Ethanol

Not available.

### 8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures

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#### **Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### **Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### **Skin protection**

**Hand protection** 

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Recommendations: Wear suitable gloves tested to EN374.

< 1 hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm

1 - 4 hours (breakthrough time): 4H / Silver Shield® gloves.

### **Body protection**

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

#### Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

### **Respiratory protection**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Filter type: A

Filter type (spray application): A P

# **Environmental exposure** controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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# SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### 9.1 Information on basic physical and chemical properties

**Appearance** 

Physical state: Liquid.Colour: VariousOdour: Slight

Odour threshold : Not available.

Melting point/freezing point : Not available.

Initial boiling point and

boiling range

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# SECTION 9: Physical and chemical properties

| Ingredient name | °C    | °F    | Method   |
|-----------------|-------|-------|----------|
| <b>E</b> thanol | 78.29 | 172.9 |          |
| iso-butanol     | 108   | 226.4 | OECD 103 |

**Flammability** : Not available.

Lower and upper explosion : Lower: 0.8% (xylene)

limit

Upper: 19% (ethanol)

: Closed cup: 24°C (75.2°F) Flash point

**Auto-ignition temperature** 

| Ingredient name       | °C  | °F  | Method  |
|-----------------------|-----|-----|---------|
| 2-butoxyethyl acetate | 340 | 644 |         |
| n-Butyl acetate       | 415 | 779 | EU A.15 |

**Decomposition temperature** : Not available. : Not applicable. pН Not available. **Viscosity** 

Solubility(ies)

Not available.

Solubility in water : Not available. Partition coefficient: n-octanol/ : Not applicable.

water

Vapour pressure

|                 | Vapour Pressure at 20°C |     |                | Vapour pressure at 50°C |     |        |
|-----------------|-------------------------|-----|----------------|-------------------------|-----|--------|
| Ingredient name | mm Hg                   | kPa | Method         | mm Hg                   | kPa | Method |
| Ethanol         | 42.94865                | 5.7 |                |                         |     |        |
| n-Butyl acetate | 11.25096                | 1.5 | DIN EN 13016-2 |                         |     |        |

: Not available. **Relative density** : 1.2 g/cm<sup>3</sup> **Density** : Not available. Vapour density

**Particle characteristics** 

Median particle size : Not applicable.

### 9.2 Other information

9.2.1 Information with regard to physical hazard classes

**Explosive properties** : Not available. : Not available. **Oxidising properties** 

9.2.2 Other safety characteristics

Not applicable.

# SECTION 10: Stability and reactivity

: No specific test data related to reactivity available for this product or its ingredients. 10.1 Reactivity

10.2 Chemical stability : The product is stable.

10.3 Possibility of : Under normal conditions of storage and use, hazardous reactions will not occur. hazardous reactions

10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld,

braze, solder, drill, grind or expose containers to heat or sources of ignition.

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# **SECTION 10: Stability and reactivity**

10.5 Incompatible materials

: Reactive or incompatible with the following materials:

oxidising materials

10.6 Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity** 

Product/ingredient name Result

<mark>ଜ-</mark>Butyl acetate Rat - Oral - LD50

10760 mg/kg

EU

Rabbit - Dermal - LD50

14112 mg/kg

Rat - Inhalation - LC50 Vapour

0.74 mg/l [4 hours]

iso-butanol Rat - Oral - LD50

2460 mg/kg

Rabbit - Dermal - LD50

3400 mg/kg

Rat - Inhalation - LC50 Vapour

19200 mg/m<sup>3</sup> [4 hours]

Xylene Rat - Oral - LD50

4300 mg/kg

Toxic effects: Liver - Other changes Kidney, Ureter, and

Bladder - Other changes

Rat - Inhalation - LC50 Vapour

21.7 mg/l [4 hours]

Ethylbenzene Rat - Oral - LD50

3500 mg/kg

Rabbit - Dermal - LD50

15400 mg/kg

Rat - Inhalation - LC50 Dusts and mists

29000 mg/l [4 hours]

2-butoxyethyl acetate Rat - Oral - LD50

2400 mg/kg

<u>Toxic effects</u>: Kidney, Ureter, and Bladder - Hematuria Kidney, Ureter, and Bladder - Other changes in urine composition

Rabbit - Dermal - LD50

1500 mg/kg

<u>Toxic effects</u>: Kidney, Ureter, and Bladder - Hematuria Kidney, Ureter, and Bladder - Other changes in urine composition

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Blood - Normocytic anemia

Ethanol Rat - Oral - LD50

7 g/kg

Rat - Inhalation - LC50 Vapour

124700 mg/m³ [4 hours]

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Conclusion/Summary [Product] : Not available.

### **Acute toxicity estimates**

| Product/ingredient name         | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapours)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |
|---------------------------------|------------------|-------------------|--------------------------------|-----------------------------------|--|
| <b>☑</b> NIVERSALPRIMER 0216-00 | N/A              | 5018.4            | N/A                            | 42.7                              | N/A  |
| n-Butyl acetate                 | 10760            | 14112             | N/A                            | N/A                               | N/A  |
| iso-butanol                     | 2460             | 3400              | N/A                            | N/A                               | N/A  |
| Xylene                          | 4300             | 1100              | N/A                            | 11                                | N/A  |
| Ethylbenzene                    | 3500             | 15400             | N/A                            | 11                                | 29000  |
| 2-butoxyethyl acetate           | 2400             | 1500              | N/A                            | 11                                | N/A  |
| Ethanol                         | 7000             | N/A               | N/A                            | 124.7                             | N/A  |

Skin corrosion/irritation

Product/ingredient name Result

n-Butyl acetate Rabbit - Skin - Moderate irritant

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg

**Xylene** Rat - Skin - Mild irritant

> Duration of treatment/exposure: 8 hours Amount/concentration applied: 60 uL

Rabbit - Skin - Moderate irritant

Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg

Rabbit - Skin - Moderate irritant Amount/concentration applied: 100 %

Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight <=700)

Rabbit - Skin - Moderate irritant

<u>Duration of treatment/exposure</u>: 24 hours Amount/concentration applied: 500 uL

Rabbit - Skin - Severe irritant

<u>Duration of treatment/exposure</u>: 24 hours Amount/concentration applied: 2 mg

Ethylbenzene Rabbit - Skin - Mild irritant

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 15 mg

2-butoxyethyl acetate Rabbit - Skin - Mild irritant

Amount/concentration applied: 500 mg

Ethanol Rabbit - Skin - Mild irritant

Amount/concentration applied: 400 mg

Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 20 mg

**Conclusion/Summary [Product]**: Not available.

Serious eye damage/eye irritation

**Product/ingredient name** Result

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**n**-Butyl acetate Rabbit - Eyes - Moderate irritant

Amount/concentration applied: 100 mg

**Xylene** Rabbit - Eyes - Mild irritant

Amount/concentration applied: 87 mg

Rabbit - Eyes - Severe irritant

**Duration of treatment/exposure**: 24 hours Amount/concentration applied: 5 mg

Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight <=700)

Rabbit - Eyes - Mild irritant

Amount/concentration applied: 100 mg

Ethylbenzene Rabbit - Eyes - Severe irritant

Amount/concentration applied: 500 mg

2-butoxyethyl acetate Rabbit - Eyes - Mild irritant

> **Duration of treatment/exposure**: 24 hours Amount/concentration applied: 500 mg

Ethanol Rabbit - Eyes - Mild irritant

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg

Rabbit - Eyes - Moderate irritant

Duration of treatment/exposure: 0.06666667 minutes

Amount/concentration applied: 100 mg

Rabbit - Eyes - Moderate irritant Amount/concentration applied: 100 uL

Rabbit - Eyes - Severe irritant

Amount/concentration applied: 500 mg

Conclusion/Summary [Product] : Not available.

#### Respiratory corrosion/irritation

Not available.

Conclusion/Summary [Product] : Not available.

#### Respiratory or skin sensitization

Not available.

Skin

**Conclusion/Summary [Product]**: Not available.

Respiratory

Conclusion/Summary [Product] : Not available.

#### Germ cell mutagenicity

Not available.

Conclusion/Summary [Product] : Not available.

#### Carcinogenicity

Not available.

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Conclusion/Summary [Product] : Not available.

Reproductive toxicity

Not available.

**Conclusion/Summary [Product]**: Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name Result

iso-butanol STOT SE 3, H335 (Respiratory tract irritation)

STOT SE 3, H336 (Narcotic effects)

Xylene STOT SE 3, H335 (Respiratory tract irritation)

Specific target organ toxicity (repeated exposure)

Product/ingredient name Result

Vylene STOT RE 2, H373 (oral, inhalation)

Ethylbenzene STOT RE 2, H373 (hearing organs) (oral, inhalation)

**Aspiration hazard** 

Product/ingredient name Result

Xylene ASPIRATION HAZARD - Category 1
Ethylbenzene ASPIRATION HAZARD - Category 1

Information on likely routes of exposure

Not available.

Potential acute health effects

**Eye contact** : Causes serious eye damage.

Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or

dizziness. May cause respiratory irritation.

Skin contact: Causes skin irritation. May cause an allergic skin reaction.Ingestion: Can cause central nervous system (CNS) depression.

Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact**: Adverse symptoms may include the following:

pain watering redness

**Inhalation** : Adverse symptoms may include the following:

respiratory tract irritation

coughing

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness

**Skin contact**: Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

**Ingestion** : Adverse symptoms may include the following:

stomach pains

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

**Short term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

**Long term exposure** 

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**Potential immediate** 

effects

: Not available.

Potential delayed effects

: Not available.

Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

General : May cause damage to organs through prolonged or repeated exposure. Once

sensitized, a severe allergic reaction may occur when subsequently exposed to

very low levels.

Carcinogenicity : No known significant effects or critical hazards. Mutagenicity : No known significant effects or critical hazards. Reproductive toxicity : No known significant effects or critical hazards.

#### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

Not available.

**Conclusion/Summary [Product]** 

: The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

#### 11.2.2 Other information

Not available.

## **SECTION 12: Ecological information**

### 12.1 Toxicity

Product/ingredient name

n-Butyl acetate

Result

Acute - LC50 - Fresh water

Fish - Fathead minnow - Pimephales promelas Age: 31 to 32 days; Size: 21.6 mm; Weight: 0.175 g

18000 µg/l [96 hours] Effect: Mortality

Acute - LC50 - Marine water

Crustaceans - Brine shrimp - Artemia salina

32 mg/l [48 hours] Effect: Mortality

iso-butanol

Acute - LC50 - Fresh water

Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss

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Weight: 1.67 g

1330000 µg/l [96 hours]

Effect: Mortality

Acute - LC50 - Marine water

Crustaceans - Brine shrimp - Artemia salina

600 mg/l [48 hours] Effect: Mortality

Trizinc bis(orthophosphate)

Acute - EC50

Crustaceans - Ceriodaphnia dubia

0.96 mg/l [48 hours]

Acute - EC50

Algae - Selenastrum capricornutum

0.32 mg/l [72 hours]

Ethanol Acute - EC50 - Fresh water

Daphnia - Water flea - Daphnia magna

2000 µg/l [48 hours] Effect: Physiology

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#### Acute - LC50 - Fresh water

Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss

42000 μg/l [4 days] Effect: Mortality

#### Acute - EC50 - Marine water

Algae - Green algae - Ulva pertusa

17.921 mg/l [96 hours] Effect: Reproduction

### **Chronic - NOEC - Marine water**

Algae - Green algae - Ulva pertusa

4.995 mg/l [96 hours] Effect: Reproduction

### Chronic - NOEC - Fresh water

Fish - Eastern mosquitofish - Gambusia holbrooki - Larvae

Age: 3 days

0.375 µl/l [12 weeks] Effect: Morphology

#### **Chronic - NOEC - Fresh water**

Daphnia - Water flea - Daphnia magna - Neonate

Age: <24 hours 100 μl/l [21 days] Effect: Mortality

**Conclusion/Summary [Product]**: Not available.

### 12.2 Persistence and degradability

### Product/ingredient name

Result

so-butanol 74% [28 days] - Readily

Conclusion/Summary [Product] : Not available.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| iso-butanol             | -                 | -          | Readily          |

### 12.3 Bioaccumulative potential

| Product/ingredient name  | LogPow       | BCF         | Potential |
|--|--------------|-------------|-----------|
| <b>⋈</b> -Butyl acetate  | 2.3          | -           | Low       |
| iso-butanol  | 1            | -           | Low       |
| Xylene   | 3.12         | 8.1 to 25.9 | Low       |
| Trizinc bis(orthophosphate)  | -            | 60960       | High      |
| Reaction product: bisphenol<br>A-(epichlorhydrin); epoxy<br>resin (number average<br>molecular weight <=700) | 2.64 to 3.78 | 31          | Low       |
| Ethylbenzene   | 3.6          | -           | Low       |
| 2-butoxyethyl acetate  | 1.51         | -           | Low       |
| Ethanol  | -0.35        | -           | Low       |

### 12.4 Mobility in soil

### Soil/water partition coefficient

| Product/ingredient name       | logKoc | Кос     |
|-------------------------------|--------|---------|
| <mark>ଜ</mark> -Butyl acetate | 1.52   | 33.2139 |
| iso-butanol                   | 1.08   | 12.0246 |
| Ethylbenzene                  | 2.23   | 170.406 |
| 2-butoxyethyl acetate         | 2.05   | 112.842 |
| Ethanol                       | 0.2    | 1.59008 |

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### Results of PMT and vPvM assessment

| Product/ingredient name  | PMT | Р  | M  | Т  | vPvM | vP | vM |
|--|-----|----|----|----|------|----|----|
| <mark>p</mark> -Butyl acetate  | No  | No | No | No | No   | No | No |
| iso-butanol  | No  | No | No | No | No   | No | No |
| Xylene   | No  | No | No | No | No   | No | No |
| Trizinc bis(orthophosphate)  | No  | No | No | No | No   | No | No |
| Reaction product: bisphenol<br>A-(epichlorhydrin); epoxy<br>resin (number average<br>molecular weight <=700) | No  | No | No | No | No   | No | No |
| Ethylbenzene   | No  | No | No | No | No   | No | No |
| 2-butoxyethyl acetate  | No  | No | No | No | No   | No | No |
| Ethanol  | No  | No | No | No | No   | No | No |

**Mobility** 

: Not available.

**Conclusion/Summary** 

: The product does not meet the criteria to be considered as a PMT or vPvM.

# 12.5 Results of PBT and vPvB assessment Regulation (EC) No. 1907/2006 [REACH]

| Product/ingredient name  | PBT | P  | В  | Т  | vPvB | vP | vB |
|--|-----|----|----|----|------|----|----|
| <mark>ଜ</mark> -Butyl acetate  | No  | No | No | No | No   | No | No |
| iso-butanol  | No  | No | No | No | No   | No | No |
| Xylene   | No  | No | No | No | No   | No | No |
| Trizinc bis(orthophosphate)  | No  | No | No | No | No   | No | No |
| Reaction product: bisphenol<br>A-(epichlorhydrin); epoxy<br>resin (number average<br>molecular weight <=700) | No  | No | No | No | No   | No | No |
| Ethylbenzene   | No  | No | No | No | No   | No | No |
| 2-butoxyethyl acetate  | No  | No | No | No | No   | No | No |
| Ethanol  | No  | No | No | No | No   | No | No |

### **Regulation (EC) No. 1272/2008 [CLP]**

| Product/ingredient name  | PBT | Р  | В  | Т  | vPvB | νP | vB |
|--|-----|----|----|----|------|----|----|
| <mark>ଜ-</mark> Butyl acetate  | No  | No | No | No | No   | No | No |
| iso-butanol  | No  | No | No | No | No   | No | No |
| Xylene   | No  | No | No | No | No   | No | No |
| Trizinc bis(orthophosphate)  | No  | No | No | No | No   | No | No |
| Reaction product: bisphenol<br>A-(epichlorhydrin); epoxy<br>resin (number average<br>molecular weight <=700) | No  | No | No | No | No   | No | No |
| Ethylbenzene   | No  | No | No | No | No   | No | No |
| 2-butoxyethyl acetate  | No  | No | No | No | No   | No | No |
| Ethanol  | No  | No | No | No | No   | No | No |

Conclusion/Summary Regulation (EC) No. 1272/2008 [CLP] : The product does not meet the criteria to be considered as a PBT or vPvB.

### 12.6 Endocrine disrupting properties

Not available.

**Conclusion/Summary [Product]** 

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

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## SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

#### **Product**

**Methods of disposal** 

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**European waste** catalogue (EWC) : 08.01.11

### **Packaging**

**Methods of disposal** 

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

### **Special precautions**

: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

|                                  | ADR/RID        | ADN            | IMDG           | IATA   |
|----------------------------------|----------------|----------------|----------------|--|
| 14.1 UN number or ID number      | <b>☑</b> N1263 | <b>☑</b> N1263 | <b>☑</b> N1263 | <b>☑</b> N1263   |
| 14.2 UN proper shipping name     | PAINT          | PAINT          | PAINT          | PAINT  |
| 14.3 Transport hazard class(es)  | 3              | 3              | 3              | 3  |
| 14.4 Packing group               | III            | III            | III            | III  |
| 14.5<br>Environmental<br>hazards | Yes.           | Yes.           | Yes.           | Yes. The environmentally hazardous substance mark is not required. |

#### Additional information

ADR/RID

: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg. Tunnel code (D/E)

**ADN** 

: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

**IMDG** 

: The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.

**IATA** 

The environmentally hazardous substance mark may appear if required by other transportation regulations.

# user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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## **SECTION 14: Transport information**

14.7 Maritime transport in bulk according to IMO

: Not relevant/applicable due to nature of the product.

## SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

**Annex XIV** 

instruments

None of the components are listed.

Substances of very high concern

None of the components are listed.

### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

| Product/ingredient name | %   | Designation [Usage] |
|-------------------------|-----|---------------------|
| UNIVERSALPRIMER 0216-00 | ≥90 | 3                   |

Labelling

Other EU regulations

**Industrial emissions** : Not listed

(integrated pollution prevention and control) -

Air

**Industrial emissions** : Not listed

(integrated pollution prevention and control) -

Water

**Explosive precursors** : Not applicable. Ozone depleting substances (EU 2024/590)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

**Persistent Organic Pollutants** 

Not listed.

**Seveso Directive** 

This product is controlled under the Seveso Directive.

**Danger criteria** 

**Category** 

P<sub>5</sub>c

E2

### **International regulations**

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

**Montreal Protocol** 

Not listed.

**Stockholm Convention on Persistent Organic Pollutants** 

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals** 

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# **SECTION 15: Regulatory information**

Not listed.

15.2 Chemical safety

assessment

: This product contains substances for which Chemical Safety Assessments are still

required.

### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

**Abbreviations and** 

acronyms

: ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.

1272/2008]

DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification          | Justification         |
|-------------------------|-----------------------|
| Flam. Liq. 3, H226      | On basis of test data |
| Skin Irrit. 2, H315     | Calculation method    |
| Eye Dam. 1, H318        | Calculation method    |
| Skin Sens. 1, H317      | Calculation method    |
| STOT SE 3, H335         | Calculation method    |
| STOT SE 3, H336         | Calculation method    |
| STOT RE 2, H373         | Calculation method    |
| Aquatic Chronic 2, H411 | Calculation method    |

### Full text of abbreviated H statements

| H225   | Highly flammable liquid and vapour.                                |
|--------|--|
| H226   | Flammable liquid and vapour.                                       |
| H304   | May be fatal if swallowed and enters airways.                      |
| H312   | Harmful in contact with skin.                                      |
| H315   | Causes skin irritation.  |
| H317   | May cause an allergic skin reaction.                               |
| H318   | Causes serious eye damage.   |
| H319   | Causes serious eye irritation.                                     |
| H332   | Harmful if inhaled.  |
| H335   | May cause respiratory irritation.                                  |
| H336   | May cause drowsiness or dizziness.                                 |
| H373   | May cause damage to organs through prolonged or repeated exposure. |
| H400   | Very toxic to aquatic life.  |
| H410   | Very toxic to aquatic life with long lasting effects.              |
| H411   | Toxic to aquatic life with long lasting effects.                   |
| EUH066 | Repeated exposure may cause skin dryness or cracking.              |

### Full text of classifications [CLP/GHS]

| Acute Tox. 4      | ACUTE TOXICITY - Category 4                                     |
|-------------------|---|
| Aquatic Acute 1   | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1                  |
| Aquatic Chronic 1 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1                 |
| Aquatic Chronic 2 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2                 |
| Asp. Tox. 1       | ASPIRATION HAZARD - Category 1                                  |
| Eye Dam. 1        | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1                  |
| Eye Irrit. 2      | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2                  |
| Flam. Liq. 2      | FLAMMABLE LIQUIDS - Category 2                                  |
| Flam. Liq. 3      | FLAMMABLE LIQUIDS - Category 3                                  |
| Skin Irrit. 2     | SKIN CORROSION/IRRITATION - Category 2                          |
| Skin Sens. 1      | SKIN SENSITISATION - Category 1                                 |
| STOT RE 2         | SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 |
| STOT SE 3         | SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3   |

Date of issue/Date of revision: 12/02/2025Date of previous issue: 26/01/2024Version: 1.0122/24UNIVERSALPRIMER 0216-00 - All variantsLabel No : 76767

# **SECTION 16: Other information**

Date of issue/ Date of

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Date of previous issue : 26/01/2024

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UNIVERSALPRIMER 0216-00 All variants

#### **Notice to reader**

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

Date of issue/Date of revision: 12/02/2025Date of previous issue: 26/01/2024Version: 1.0123/24

**Label No: 76767** 

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