

# SAFETY DATA SHEET



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

### 1.1 Product identifier

**Trade name** : DETALE Kabric Floor Smooth Prepare, component A

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

**Identified uses** : Epoxy paint, 2-component

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

Flügger Denmark A/S  
Islevdalvej 151  
DK-2610 Rødovre  
Tlf. +45 76 30 33 80

**e-mail address of person responsible for this SDS** : hello@detalecph.com

### 1.4 Emergency telephone number

#### National advisory body/Poison Centre

**Telephone number** : Call a poison center or physician.

## 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]

Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
Skin Sens. 1A, H317  
Aquatic Chronic 2, H411

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

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** : Warning

**Hazard statements** : H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H411 - Toxic to aquatic life with long lasting effects.

#### Precautionary statements

**General** : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

**Prevention** : P280 - Wear protective gloves, protective clothing and eye or face protection.  
P273 - Avoid release to the environment.

**Response** : P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 - If skin irritation occurs: Get medical advice/attention.

**Storage** : Not applicable.

DETALE Kabric Floor Smooth Prepare, component A

SECTION 2: Hazards identification

|                                                                                                                                    |                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal                                                                                                                           | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                |
| Contains                                                                                                                           | : bis-[4-(2,3-epoxipropoxi)phenyl]propane<br>Bisphenol F digycidyl ether, reaction mass of isomers<br>benzyl alcohol<br>Hydrocarbons, C9-unsatd., polymd. |
| Supplemental label elements                                                                                                        | : Contains epoxy constituents. May produce an allergic reaction.                                                                                          |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : Not applicable.                                                                                                                                         |
| Special packaging requirements                                                                                                     |                                                                                                                                                           |
| Containers to be fitted with child-resistant fastenings                                                                            | : Not applicable.                                                                                                                                         |
| Tactile warning of danger                                                                                                          | : Not applicable.                                                                                                                                         |

2.3 Other hazards

When mixing two components, the safety data sheets for both components must be followed.

|                                                                                                   |                                                                                         |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 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.                                                                           |
| EU VOC                                                                                            | : VOC limit value (Cat. A/j): 500 g/l (2010)<br>Product VOC: max. 80 g/l                |

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

| Product/ingredient name                               | Identifiers                                                     | %         | Classification                                                                             | Specific Conc. Limits, M-factors and ATEs                       | Type |
|-------------------------------------------------------|-----------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------|
| bis-[4-(2,3-epoxipropoxi)phenyl]propane               | REACH #:<br>01-2119456619-26<br>EC: 216-823-5<br>CAS: 1675-54-3 | ≥50 - ≤75 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 | Skin Irrit. 2, H315:<br>C ≥ 5%<br>Eye Irrit. 2, H319:<br>C ≥ 5% | [1]  |
| Bisphenol F digycidyl ether, reaction mass of isomers | REACH #:<br>01-2119454392-40<br>EC: 701-263-0<br>CAS: -         | ≥25 - ≤50 | Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Aquatic Chronic 2, H411                      | -                                                               | [1]  |
| benzyl alcohol                                        | REACH #:<br>01-2119492630-38<br>EC: 202-859-9<br>CAS: 100-51-6  | ≥10 - ≤25 | Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                            | ATE [Oral] = 1200 mg/kg                                         | [1]  |
| Hydrocarbons, C9-unsatd., polymd.                     | REACH #:<br>01-2119555292-40<br>CAS: 71302-83-5                 | ≤5        | Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412                                             | -                                                               | [1]  |
| Distillates (petroleum),                              | EC: 265-149-8                                                   | ≤1        | Asp. Tox. 1, H304                                                                          | EUH066: C ≥ 20%                                                 | [1]  |

DETALE Kabric Floor Smooth Prepare, component A

### SECTION 3: Composition/information on ingredients

|                                                               |                                                                                         |      |                                                                                                                              |   |     |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------|---|-----|
| hydrotreated light<br><br>(2-methoxymethylethoxy)<br>propanol | CAS: 64742-47-8<br><br>REACH #:<br>01-2119450011-60<br>EC: 252-104-2<br>CAS: 34590-94-8 | ≤0,3 | EUH066<br><br>Not classified.<br><br><b>See Section 16 for<br/>the full text of the H<br/>statements declared<br/>above.</b> | - | [2] |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------|---|-----|

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** : 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. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Get medical attention if adverse health effects persist or are severe. 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.
- Skin contact** : 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. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : 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. Get medical attention if adverse health effects persist or are severe. 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. 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:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.

## SECTION 4: First aid measures

- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### 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 an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst. 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

### 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.
- 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

- 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. Avoid breathing 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

## SECTION 6: Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. 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. 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.
- 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.

## 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 ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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

Do not store above the following temperature: 40°C (104°F). Store in accordance with local regulations. 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. 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 |
|----------|---------------------------------|-------------------------|
| E2       | 200 tonnes                      | 500 tonnes              |

### 7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

## 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                                                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (2-methoxymethylethoxy)propanol | <b>EU OEL (Europe, 1/2022) [(2-Methoxymethylethoxy)-propanol]</b><br>Absorbed through skin.<br>TWA 8 hours: 50 ppm.<br>TWA 8 hours: 308 mg/m <sup>3</sup> . |

#### Biological exposure indices

No exposure indices known.

**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

2,2'-[(1-methylethylidene)bis  
(4,1-phenyleneoxymethylene)]bisoxirane

##### Result

##### DNEL - Workers - Long term - Inhalation

12,25 mg/m<sup>3</sup>

Effects: Systemic

##### DNEL - Workers - Short term - Inhalation

12,25 mg/m<sup>3</sup>

Effects: Systemic

##### DNEL - Workers - Long term - Dermal

8,33 mg/kg bw/day

Effects: Systemic

##### DNEL - Workers - Short term - Dermal

8,33 mg/kg bw/day

Effects: Systemic

##### DNEL - General population - Long term - Dermal

89,3 µg/kg bw/day

Effects: Systemic

##### DNEL - General population - Long term - Oral

0,5 mg/kg bw/day

Effects: Systemic

##### DNEL - Workers - Long term - Dermal

0,75 mg/kg bw/day

Effects: Systemic

##### DNEL - General population - Long term - Inhalation

0,87 mg/m<sup>3</sup>

Effects: Systemic

##### DNEL - Workers - Long term - Inhalation

4,93 mg/m<sup>3</sup>

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SECTION 8: Exposure controls/personal protection

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        | <u>Effects</u> : Systemic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Bisphenol F diglycidyl ether, reaction mass of isomers | <b>DNEL - Workers - Long term - Inhalation</b><br>29,39 mg/m³<br><u>Effects</u> : Systemic<br><br><b>DNEL - Workers - Long term - Dermal</b><br>104,15 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - Workers - Short term - Dermal</b><br>8,3 µg/cm²<br><u>Effects</u> : Local                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| benzyl alcohol                                         | <b>DNEL - General population - Long term - Oral</b><br>4 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - General population - Long term - Dermal</b><br>4 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - General population - Long term - Inhalation</b><br>5,4 mg/m³<br><u>Effects</u> : Systemic<br><br><b>DNEL - Workers - Long term - Dermal</b><br>8 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - General population - Short term - Oral</b><br>20 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - General population - Short term - Dermal</b><br>20 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - Workers - Long term - Inhalation</b><br>22 mg/m³<br><u>Effects</u> : Systemic<br><br><b>DNEL - General population - Short term - Inhalation</b><br>27 mg/m³<br><u>Effects</u> : Systemic<br><br><b>DNEL - Workers - Short term - Dermal</b><br>40 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - Workers - Short term - Inhalation</b><br>110 mg/m³<br><u>Effects</u> : Systemic |
| (2-methoxymethylethoxy)propanol                        | <b>DNEL - General population - Long term - Oral</b><br>36 mg/kg bw/day<br><u>Effects</u> : Systemic<br><br><b>DNEL - General population - Long term - Inhalation</b><br>37,2 mg/m³<br><u>Effects</u> : Systemic<br><br><b>DNEL - General population - Long term - Dermal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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SECTION 8: Exposure controls/personal protection

121 mg/kg bw/day  
Effects: Systemic

**DNEL - Workers - Long term - Dermal**  
283 mg/kg bw/day  
Effects: Systemic

**DNEL - Workers - Long term - Inhalation**  
308 mg/m³  
Effects: Systemic

PNECs

**Product/ingredient name**  
2,2'-[(1-methylethylidene)bis  
(4,1-phenyleneoxymethylene)]bisoxirane

**Result**  
**Fresh water**  
3 µg/l

**Marine water**  
0,3 µg/l

**Sewage Treatment Plant**  
10 mg/l

**Fresh water sediment**  
0,5 mg/kg dwt

**Marine water sediment**  
0,5 mg/kg dwt

**Fresh water**  
0,013 mg/l

Bisphenol F diglycidyl ether, reaction mass of isomers

**Fresh water**  
0,003 mg/l

**Marine water**  
0,0003 mg/l

**Sewage Treatment Plant**  
10 mg/l

**Fresh water sediment**  
0,294 mg/kg dwt

**Marine water sediment**  
0,0294 mg/kg dwt

**Soil**  
0,237 mg/kg dwt

(2-methoxymethylethoxy)propanol

**Fresh water**  
19 mg/l

**Marine water**  
1,9 mg/l

**Sewage Treatment Plant**  
4168 mg/l

**Fresh water sediment**  
70,2 mg/kg dwt

**Marine water sediment**  
7,02 mg/kg dwt

## SECTION 8: Exposure controls/personal protection

### Soil

2,74 mg/kg dwt

### 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual protection measures

**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: Wear safety glasses with side protection in accordance with EN 166.

#### Skin protection

**Hand protection** : Wear suitable gloves to prevent prolonged or repeated skin contact. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

**Gloves** : Recommended: neoprene rubber, Nitrile gloves. Butyl gloves. (thickness  $\geq 0.4$  mm, breakthrough time  $\geq 8$  hours, tested according to EN 374).

**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. Recommended: Wear suitable protective clothing, e.g. polypropylene coveralls or cotton / polyester workwear.

**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. Recommended: If ventilation is inadequate, use respirator that will protect against organic vapour and dust/mist. supplied-air respirator, A2 (EN 14387). Dust, which is unhealthy, is produced when treated surfaces are grinded. Use respiratory protection if necessary (P2, EN 143).

**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.

## 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** : Colourless.

**Odour** : Characteristic.

**Odour threshold** : Not available.

**Melting point/freezing point** : Not available.

## SECTION 9: Physical and chemical properties

|                                                                 |                                                                                                                                  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Boiling point or initial boiling point and boiling range</b> | : Not available.                                                                                                                 |
| <b>Flammability</b>                                             | : Not available.                                                                                                                 |
| <b>Lower and upper explosion limit</b>                          | : Not available.                                                                                                                 |
| <b>Flash point</b>                                              | : Not available.                                                                                                                 |
| <b>Auto-ignition temperature</b>                                | : Not available.                                                                                                                 |
| <b>Decomposition temperature</b>                                | : Not available.                                                                                                                 |
| <b>pH</b>                                                       | : 7                                                                                                                              |
| <b>Viscosity</b>                                                | : Dynamic (room temperature): Not available.<br>Kinematic (room temperature): Not available.<br>Kinematic (40°C): Not available. |
| <b>Solubility</b>                                               | :<br>Not available.                                                                                                              |
| <b>Solubility in water</b>                                      | : Not available.                                                                                                                 |
| <b>Miscible with water</b>                                      | : No.                                                                                                                            |
| <b>Partition coefficient n-octanol/ water (log Pow)</b>         | : Not applicable.                                                                                                                |
| <b>Vapour pressure</b>                                          | : Not available.                                                                                                                 |
| <b>Evaporation rate</b>                                         | : Not available.                                                                                                                 |
| <b>Density</b>                                                  | : 1,13 g/cm <sup>3</sup>                                                                                                         |
| <b>Relative vapour density</b>                                  | : Not available.                                                                                                                 |
| <b>Explosive properties</b>                                     | : Not available.                                                                                                                 |
| <b>Oxidising properties</b>                                     | : Not available.                                                                                                                 |
| <b><u>Particle characteristics</u></b>                          |                                                                                                                                  |
| <b>Median particle size</b>                                     | : Not applicable.                                                                                                                |

### 9.2.1 Information with regard to physical hazard classes

|                             |                  |
|-----------------------------|------------------|
| <b>Explosive properties</b> | : Not available. |
| <b>Oxidising properties</b> | : Not available. |

### 9.2.2 Other safety characteristics

|                            |       |
|----------------------------|-------|
| <b>Miscible with water</b> | : No. |
|----------------------------|-------|

## SECTION 10: Stability and reactivity

|                                                |                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.           |
| <b>10.2 Chemical stability</b>                 | : The product is stable.                                                                               |
| <b>10.3 Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| <b>10.4 Conditions to avoid</b>                | : No specific data.                                                                                    |
| <b>10.5 Incompatible materials</b>             | : No specific data.                                                                                    |
| <b>10.6 Hazardous decomposition products</b>   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

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SECTION 11: Toxicological information

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

|                                                                     |                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity</b>                                               |                                                                                                                                                                                                                                   |
| <b>Product/ingredient name</b>                                      | <b>Result</b>                                                                                                                                                                                                                     |
| 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | <b>Rabbit - Dermal - LD50</b><br>20 g/kg<br><u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity) Gastrointestinal - Hypermotility, diarrhea Gross Metabolite Changes - Weight loss or decreased weight gain |
| benzyl alcohol                                                      | <b>Rat - Oral - LD50</b><br>1230 mg/kg<br><u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity) Behavioral - Excitement Behavioral - Coma                                                                    |
|                                                                     | <b>Rabbit - Dermal - LD50</b><br>2000 mg/kg                                                                                                                                                                                       |

Conclusion/Summary [Product] : Not available.

Acute toxicity estimates

| Product/ingredient name                         | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapours) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|-------------------------------------------------|--------------|----------------|--------------------------|-----------------------------|-------------------------------------|
| DETALE Kabric Floor Smooth Prepare, component A | 12929,4      | N/A            | N/A                      | N/A                         | N/A                                 |
| bis-[4-(2,3-epoxipropoxi)phenyl]propane         | N/A          | 20000          | N/A                      | N/A                         | N/A                                 |
| benzyl alcohol                                  | 1200         | N/A            | N/A                      | N/A                         | N/A                                 |

Skin corrosion/irritation

|                                                                     |                                                                                                                                            |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product/ingredient name</b>                                      | <b>Result</b>                                                                                                                              |
| 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | <b>Rabbit - Skin - Mild irritant</b><br><u>Amount/concentration applied:</u> 500 mg                                                        |
| benzyl alcohol                                                      | <b>Man - Skin - Mild irritant</b><br><u>Duration of treatment/exposure:</u> 48 hours<br><u>Amount/concentration applied:</u> 16 mg         |
|                                                                     | <b>Pig - Skin - Moderate irritant</b><br><u>Amount/concentration applied:</u> 100 %                                                        |
|                                                                     | <b>Rabbit - Skin - Moderate irritant</b><br><u>Duration of treatment/exposure:</u> 24 hours<br><u>Amount/concentration applied:</u> 100 mg |
| (2-methoxymethylethoxy)propanol                                     | <b>Rabbit - Skin - Mild irritant</b><br><u>Amount/concentration applied:</u> 500 mg                                                        |

Conclusion/Summary [Product] : Not available.

Serious eye damage/eye irritation

|                                |               |
|--------------------------------|---------------|
| <b>Product/ingredient name</b> | <b>Result</b> |
|--------------------------------|---------------|

DETALE Kabric Floor Smooth Prepare, component A

## SECTION 11: Toxicological information

2,2'-[(1-methylethylidene)bis  
(4,1-phenyleneoxymethylene)]bisoxirane

### Rabbit - Eyes - Severe irritant

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 2 mg

(2-methoxymethylethoxy)propanol

### Human - Eyes - Mild irritant

Amount/concentration applied: 8 mg

### Rabbit - Eyes - Mild irritant

Duration of treatment/exposure: 24 hours

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.

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

### Reproductive toxicity

Not available.

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

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

#### **Product/ingredient name**

Distillates (petroleum), hydrotreated light

#### **Result**

ASPIRATION HAZARD - Category 1

DETALE Kabric Floor Smooth Prepare, component A

## SECTION 11: Toxicological information

### Information on likely routes of exposure

Not available.

### Symptoms related to the physical, chemical and toxicological characteristics

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
| <b>Inhalation</b>   | : No specific data.                                                                        |
| <b>Skin contact</b> | : Adverse symptoms may include the following:<br>irritation<br>redness                     |
| <b>Ingestion</b>    | : No specific data.                                                                        |

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

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

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

**General** : 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**

2,2'-[(1-methylethylidene)bis  
(4,1-phenyleneoxymethylene)]bisoxirane

benzyl alcohol

#### **Result**

##### **LC50**

Fish  
1,3 mg/l [96 hours]

##### **Acute - LC50 - Fresh water**

Fish - Bluegill - *Lepomis macrochirus*  
10 ppm [96 hours]  
Effect: Mortality

DETALE Kabric Floor Smooth Prepare, component A

## SECTION 12: Ecological information

Distillates (petroleum), hydrotreated light

### Acute - LC50 - Fresh water

Fish - Bluegill - *Lepomis macrochirus*

Size: 35 to 75 mm

2200 µg/l [4 days]

Effect: Mortality

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

### 12.2 Persistence and degradability

#### Product/ingredient name

Distillates (petroleum), hydrotreated light

#### Result

Ready Biodegradability - Manometric Respirometry Test  
>60% [28 days] - Not readily

(2-methoxymethylethoxy)propanol

Ready Biodegradability - Manometric Respirometry Test  
>60% [28 days]

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

| Product/ingredient name                     | Aquatic half-life | Photolysis | Biodegradability |
|---------------------------------------------|-------------------|------------|------------------|
| Distillates (petroleum), hydrotreated light | -                 | -          | Not readily      |
| (2-methoxymethylethoxy)propanol             | -                 | -          | Readily          |

### 12.3 Bioaccumulative potential

| Product/ingredient name           | LogP <sub>ow</sub> | BCF | Potential |
|-----------------------------------|--------------------|-----|-----------|
| benzyl alcohol                    | 0,87               | -   | Low       |
| Hydrocarbons, C9-unsatd., polymd. | 3,627              | -   | Low       |
| (2-methoxymethylethoxy)propanol   | 0,004              | -   | Low       |

### 12.4 Mobility in soil

#### Soil/water partition coefficient

| Product/ingredient name                                             | logK <sub>oc</sub> | K <sub>oc</sub> |
|---------------------------------------------------------------------|--------------------|-----------------|
| 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | 4                  | 10465,7         |
| benzyl alcohol                                                      | 1,1                | 12,6442         |

#### Results of PMT and vPvM assessment

| Product/ingredient name                                             | PMT | P  | M  | T  | vPvM | vP | vM |
|---------------------------------------------------------------------|-----|----|----|----|------|----|----|
| 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | No  | No | No | No | No   | No | No |
| Bisphenol F diglycidyl ether, reaction mass of isomers              | No  | No | No | No | No   | No | No |
| benzyl alcohol                                                      | No  | No | No | No | No   | No | No |
| Hydrocarbons, C9-unsatd., polymd.                                   | No  | No | No | No | No   | No | No |
| Distillates (petroleum), hydrotreated light                         | No  | No | No | No | No   | No | No |
| (2-methoxymethylethoxy)propanol                                     | 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.

DETALE Kabric Floor Smooth Prepare, component A

## SECTION 12: Ecological information

### 12.5 Results of PBT and vPvB assessment

#### Regulation (EC) No. 1907/2006 [REACH]

| Product/ingredient name                                              | PBT | P  | B  | T  | vPvB | vP | vB |
|----------------------------------------------------------------------|-----|----|----|----|------|----|----|
| 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] bisoxirane | No  | No | No | No | No   | No | No |
| Bisphenol F digycidyl ether, reaction mass of isomers                | No  | No | No | No | No   | No | No |
| benzyl alcohol                                                       | No  | No | No | No | No   | No | No |
| Hydrocarbons, C9-unsatd., polymd.                                    | No  | No | No | No | No   | No | No |
| Distillates (petroleum), hydrotreated light                          | No  | No | No | No | No   | No | No |
| (2-methoxymethylethoxy) propanol                                     | No  | No | No | No | No   | No | No |

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

| Product/ingredient name                                              | PBT | P  | B  | T  | vPvB | vP | vB |
|----------------------------------------------------------------------|-----|----|----|----|------|----|----|
| 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] bisoxirane | No  | No | No | No | No   | No | No |
| Bisphenol F digycidyl ether, reaction mass of isomers                | No  | No | No | No | No   | No | No |
| benzyl alcohol                                                       | No  | No | No | No | No   | No | No |
| Hydrocarbons, C9-unsatd., polymd.                                    | No  | No | No | No | No   | No | No |
| Distillates (petroleum), hydrotreated light                          | No  | No | No | No | No   | No | No |
| (2-methoxymethylethoxy) propanol                                     | No  | No | No | No | No   | No | No |

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

### 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.

## SECTION 13: Disposal considerations

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).

### 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.

DETALE Kabric Floor Smooth Prepare, component A

## SECTION 13: Disposal considerations

**Hazardous waste** : Yes.

**European waste catalogue (EWC)**

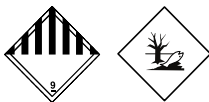
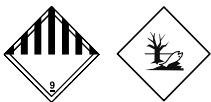
| Waste code | Waste designation                                                                 |
|------------|-----------------------------------------------------------------------------------|
| 08 01 11*  | Waste paint and varnish containing organic solvents or other hazardous substances |

### 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|                                         | ADR/RID                                                                                  | IMDG                                                                                      | IATA                                                                                       |
|-----------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>14.1 UN number or ID number</b>      | UN3082                                                                                   | UN3082                                                                                    | UN3082                                                                                     |
| <b>14.2 UN proper shipping name</b>     | Environmentally hazardous substances n.o.s. (Epoxy resin)                                | Environmentally hazardous substances n.o.s. (Epoxy resin)                                 | Environmentally hazardous substances n.o.s. (Epoxy resin)                                  |
| <b>14.3 Transport hazard class (es)</b> | 9<br> | 9<br> | 9<br> |
| <b>14.4 Packing group</b>               | III                                                                                      | III                                                                                       | III                                                                                        |
| <b>14.5 Environmental hazards</b>       | Yes.                                                                                     | Yes.                                                                                      | Yes.                                                                                       |

### Additional information

**ADR/RID** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

**Tunnel code** E

**IMDG** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

**Emergency schedules** F-A, S-F

**IATA** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

**14.6 Special precautions for user** : **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.

**14.7 Maritime transport in bulk according to IMO instruments** : Not available.

DETALE Kabric Floor Smooth Prepare, component A

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

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] |
|-------------------------|-----|---------------------|
| KF EPOXY, component A   | ≥90 | 3                   |

Labelling : Not applicable.

Other EU regulations

Industrial emissions (integrated pollution prevention and control) - Air : Not listed

Industrial emissions (integrated pollution prevention and control) - Water : Not listed

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 |
|----------|
| E2       |

National regulations

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

Not listed.

DETALE Kabric Floor Smooth Prepare, component A

## SECTION 15: Regulatory information

**15.2 Chemical safety assessment** : Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

## 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      |
|-------------------------|--------------------|
| Skin Irrit. 2, H315     | Calculation method |
| Eye Irrit. 2, H319      | Calculation method |
| Skin Sens. 1A, H317     | Calculation method |
| Aquatic Chronic 2, H411 | Calculation method |

### Full text of abbreviated H statements

|        |                                                       |
|--------|-------------------------------------------------------|
| H302   | Harmful if swallowed.                                 |
| H304   | May be fatal if swallowed and enters airways.         |
| H315   | Causes skin irritation.                               |
| H317   | May cause an allergic skin reaction.                  |
| H319   | Causes serious eye irritation.                        |
| H411   | Toxic to aquatic life with long lasting effects.      |
| H412   | Harmful 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 Chronic 2 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 |
| Aquatic Chronic 3 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 |
| Asp. Tox. 1       | ASPIRATION HAZARD - Category 1                  |
| Eye Irrit. 2      | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2  |
| Skin Irrit. 2     | SKIN CORROSION/IRRITATION - Category 2          |
| Skin Sens. 1      | SKIN SENSITISATION - Category 1                 |
| Skin Sens. 1A     | SKIN SENSITISATION - Category 1A                |
| Skin Sens. 1B     | SKIN SENSITISATION - Category 1B                |

**Product code** :  
**Date of printing** : 26-03-2026  
**Date of issue/ Date of revision** : 26-03-2026  
**Date of previous issue** : 18-08-2025  
**Version** : 1.03  
**Notice to reader**

DETALE Kabric Floor Smooth Prepare, component A

## SECTION 16: Other information

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

# SAFETY DATA SHEET



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

### 1.1 Product identifier

**Trade name** : DETALE Kabric Floor Smooth Prepare, component B

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

**Identified uses** : Epoxy paint, 2-component

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

Flügger Denmark A/S  
Islevdalvej 151  
DK-2610 Rødovre  
Tlf. +45 76 30 33 80

**e-mail address of person responsible for this SDS** : hello@detalecph.com

### 1.4 Emergency telephone number

#### National advisory body/Poison Centre

**Telephone number** : Call a poison center or physician.

## 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]

Acute Tox. 4, H302  
Skin Corr. 1, H314  
Eye Dam. 1, H318  
Skin Sens. 1, H317  
Aquatic Acute 1, H400  
Aquatic Chronic 1, H410

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

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

**Hazard statements** : H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H410 - Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

**General** : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

**Prevention** : P280 - Wear protective gloves, protective clothing and eye or face protection.  
P273 - Avoid release to the environment.

DETALE Kabric Floor Smooth Prepare, component B

## SECTION 2: Hazards identification

|                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Response</b>                                                                                                                           | : P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.<br>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 - Immediately call a POISON CENTER or doctor. |
| <b>Storage</b>                                                                                                                            | : Not applicable.                                                                                                                                                                                                                                                                                                                            |
| <b>Disposal</b>                                                                                                                           | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                                                                                                                                                                                   |
| <b>Contains</b>                                                                                                                           | : Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine<br>benzyl alcohol<br>2,4,6-tris(dimethylaminomethyl)phenol<br>3-aminopropyldimethylamine<br>3-aminopropyltriethoxysilane                                                                                         |
| <b>Supplemental label elements</b>                                                                                                        | : Contains epoxy constituents. May produce an allergic reaction.                                                                                                                                                                                                                                                                             |
| <b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b> | : Not applicable.                                                                                                                                                                                                                                                                                                                            |
| <b>Special packaging requirements</b>                                                                                                     |                                                                                                                                                                                                                                                                                                                                              |
| <b>Containers to be fitted with child-resistant fastenings</b>                                                                            | : Yes, applicable.                                                                                                                                                                                                                                                                                                                           |
| <b>Tactile warning of danger</b>                                                                                                          | : Yes, applicable.                                                                                                                                                                                                                                                                                                                           |

### 2.3 Other hazards

|                                                                                                          |                                                                                         |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII</b> | : This mixture does not contain any substances that are assessed to be a PBT or a vPvB. |
| <b>Other hazards which do not result in classification</b>                                               | : None known.                                                                           |
| <b>EU VOC</b>                                                                                            | : VOC limit value (Cat. A/j): 500 g/l (2010)<br>Product VOC: max. 40 g/l                |

## SECTION 3: Composition/information on ingredients

**3.2 Mixtures** : Mixture

| Product/ingredient name                                                                                                   | Identifiers                                                 | %         | Classification                                                                                                    | Specific Conc. Limits, M-factors and ATEs | Type |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------|
| Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine | REACH #: 01-2119983521-35<br>CAS: 186321-96-0               | ≥50 - ≤75 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 | M [Acute] = 1<br>M [Chronic] = 1          | [1]  |
| benzyl alcohol                                                                                                            | REACH #: 01-2119492630-38<br>EC: 202-859-9<br>CAS: 100-51-6 | ≥25 - ≤50 | Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                                                   | ATE [Oral] = 1200 mg/kg                   | [1]  |
| 2,4,6-tris                                                                                                                | REACH #:                                                    | ≥10 - ≤25 | Acute Tox. 4, H302                                                                                                | ATE [Oral] = 500                          | [1]  |

DETALE Kabric Floor Smooth Prepare, component B

## SECTION 3: Composition/information on ingredients

|                              |                                                                |      |                                                                                                                                                                                                   |                        |     |
|------------------------------|----------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----|
| (dimethylaminomethyl) phenol | 01-2119560597-27<br>EC: 202-013-9<br>CAS: 90-72-2              |      | Skin Corr. 1C, H314<br>Eye Dam. 1, H318                                                                                                                                                           | mg/kg                  |     |
| 3-aminopropyldimethylamine   | REACH #:<br>01-2119486842-27<br>EC: 203-680-9<br>CAS: 109-55-7 | ≤5   | Flam. Liq. 3, H226<br>Acute Tox. 4, H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT SE 3, H335                                                                      | ATE [Oral] = 500 mg/kg | [1] |
| 3-aminopropyltriethoxysilane | EC: 213-048-4<br>CAS: 919-30-2                                 | ≤1   | Acute Tox. 4, H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317                                                                                                               | ATE [Oral] = 500 mg/kg | [1] |
| Hydrocarbons, C9, aromatics  | REACH #:<br>01-2119455851-35<br>EC: 918-668-5<br>CAS: -        | ≤0,3 | Flam. Liq. 3, H226<br>STOT SE 3, H335<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411<br>EUH066<br><b>See Section 16 for the full text of the H statements declared above.</b> | EUH066: C ≥ 20%        | [1] |

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

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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- 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.

## SECTION 4: First aid measures

- 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:  
pain  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** : Adverse symptoms may include the following:  
stomach pains

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

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is very 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  
nitrogen oxides

### 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.

## SECTION 5: Firefighting measures

- 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

- 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. 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. 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. 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.

### 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.

## 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. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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.

## SECTION 7: Handling and storage

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

Do not store above the following temperature: 40°C (104°F). Store in accordance with local regulations. 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. 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 |
|----------|---------------------------------|-------------------------|
| E1       | 100 tonnes                      | 200 tonnes              |

### 7.3 Specific end use(s)

**Recommendations** : Not available.

**Industrial sector specific solutions** : Not available.

## 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

No exposure limit value known.

#### Biological exposure indices

No exposure indices known.

**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

Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine

##### Result

###### DNEL - General population - Long term - Oral

0,5 mg/kg bw/day

Effects: Systemic

###### DNEL - General population - Long term - Dermal

0,5 mg/kg bw/day

Effects: Systemic

###### DNEL - Workers - Long term - Dermal

1 mg/kg bw/day

Effects: Systemic

###### DNEL - General population - Long term - Inhalation

1,74 mg/m<sup>3</sup>

Effects: Systemic

## SECTION 8: Exposure controls/personal protection

benzyl alcohol

### DNEL - Workers - Long term - Inhalation

7,05 mg/m<sup>3</sup>

Effects: Systemic

### DNEL - General population - Long term - Oral

4 mg/kg bw/day

Effects: Systemic

### DNEL - General population - Long term - Dermal

4 mg/kg bw/day

Effects: Systemic

### DNEL - General population - Long term - Inhalation

5,4 mg/m<sup>3</sup>

Effects: Systemic

### DNEL - Workers - Long term - Dermal

8 mg/kg bw/day

Effects: Systemic

### DNEL - General population - Short term - Oral

20 mg/kg bw/day

Effects: Systemic

### DNEL - General population - Short term - Dermal

20 mg/kg bw/day

Effects: Systemic

### DNEL - Workers - Long term - Inhalation

22 mg/m<sup>3</sup>

Effects: Systemic

### DNEL - General population - Short term - Inhalation

27 mg/m<sup>3</sup>

Effects: Systemic

### DNEL - Workers - Short term - Dermal

40 mg/kg bw/day

Effects: Systemic

### DNEL - Workers - Short term - Inhalation

110 mg/m<sup>3</sup>

Effects: Systemic

2,4,6-tris(dimethylaminomethyl)phenol

### DNEL - General population - Long term - Oral

0,075 mg/kg bw/day

Effects: Systemic

### DNEL - General population - Short term - Dermal

0,075 mg/kg bw/day

Effects: Systemic

### DNEL - General population - Long term - Dermal

0,075 mg/kg bw/day

Effects: Systemic

### DNEL - General population - Short term - Inhalation

0,13 mg/m<sup>3</sup>

Effects: Systemic

### DNEL - General population - Long term - Inhalation

0,13 mg/m<sup>3</sup>

## SECTION 8: Exposure controls/personal protection

Effects: Systemic

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

0,15 mg/kg bw/day

Effects: Systemic

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

0,53 mg/m<sup>3</sup>

Effects: Systemic

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

0,6 mg/kg bw/day

Effects: Systemic

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

2,1 mg/m<sup>3</sup>

Effects: Systemic

3-aminopropyldimethylamine

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

1,2 mg/m<sup>3</sup>

Effects: Local

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

1,2 mg/m<sup>3</sup>

Effects: Systemic

3-aminopropyltriethoxysilane

**DNEL - General population - Long term - Oral**

1 mg/kg bw/day

Effects: Systemic

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

1 mg/kg bw/day

Effects: Systemic

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

2 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Inhalation**

3,5 mg/m<sup>3</sup>

Effects: Systemic

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

14 mg/m<sup>3</sup>

Effects: Systemic

Hydrocarbons, C9, aromatics

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

11 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Oral**

11 mg/kg bw/day

Effects: Systemic

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

150 mg/m<sup>3</sup>

Effects: Systemic

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

25 mg/kg bw/day

Effects: Systemic

**DNEL - General population - Long term - Inhalation**

DETALE Kabric Floor Smooth Prepare, component B

SECTION 8: Exposure controls/personal protection

32 mg/m³  
Effects: Systemic

PNECs

| Product/ingredient name                                                                                                   | Result                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine | <b>Fresh water</b><br>0,186 µg/l<br><br><b>Marine water</b><br>0,019 µg/l<br><br><b>Sewage Treatment Plant</b><br>1,58 mg/l<br><br><b>Fresh water sediment</b><br>0,005 mg/kg<br><br><b>Marine water sediment</b><br>0,0005 mg/kg<br><br><b>Soil</b><br>11,1 mg/kg dwt         |
| 2,4,6-tris(dimethylaminomethyl)phenol                                                                                     | <b>Fresh water</b><br>0,046 mg/l<br><br><b>Marine water</b><br>0,005 mg/l<br><br><b>Sewage Treatment Plant</b><br>0,2 mg/l<br><br><b>Fresh water sediment</b><br>0,262 mg/kg dwt<br><br><b>Marine water sediment</b><br>0,026 mg/kg dwt<br><br><b>Soil</b><br>0,025 mg/kg dwt  |
| 3-aminopropyldimethylamine                                                                                                | <b>Fresh water</b><br>0,073 mg/l<br><br><b>Marine water</b><br>0,007 mg/l<br><br><b>Sewage Treatment Plant</b><br>69,5 mg/l<br><br><b>Fresh water sediment</b><br>0,735 mg/kg dwt<br><br><b>Marine water sediment</b><br>0,073 mg/kg dwt<br><br><b>Soil</b><br>0,104 mg/kg dwt |
| 3-aminopropyltriethoxysilane                                                                                              | <b>Sewage Treatment Plant</b><br>1,3 mg/l                                                                                                                                                                                                                                      |

## SECTION 8: Exposure controls/personal protection

### 8.2 Exposure controls

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Individual protection measures

**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 in accordance with EN 166.

#### Skin protection

**Hand protection** : Wear suitable gloves to prevent prolonged or repeated skin contact. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

**Gloves** : May be used: Butyl gloves. (thickness  $\geq 0.4$  mm, breakthrough time  $\geq 8$  hours, tested according to EN 374).

**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. Recommended: Wear suitable protective clothing, e.g. polypropylene coveralls or cotton / polyester workwear.

**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. Recommended: If ventilation is inadequate, use respirator that will protect against organic vapour and dust/mist. supplied-air respirator, A2 (EN 14387). Dust, which is unhealthy, is produced when treated surfaces are grinded. Use respiratory protection if necessary (P2, EN 143).

**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.

## 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** : Brown. Translucent.

**Odour** : Amine-like.

**Odour threshold** : Not available.

**Melting point/freezing point** : Not available.

**Boiling point or initial boiling point and boiling range** : Not available.

**Flammability** : Not available.

## SECTION 9: Physical and chemical properties

|                                                         |                                                                                                                                  |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Lower and upper explosion limit</b>                  | : Not available.                                                                                                                 |
| <b>Flash point</b>                                      | : Closed cup: 76°C (168,8°F)                                                                                                     |
| <b>Auto-ignition temperature</b>                        | : Not available.                                                                                                                 |
| <b>Decomposition temperature</b>                        | : Not available.                                                                                                                 |
| <b>pH</b>                                               | : 10,5 to 11,5                                                                                                                   |
| <b>Viscosity</b>                                        | : Dynamic (room temperature): Not available.<br>Kinematic (room temperature): Not available.<br>Kinematic (40°C): Not available. |
| <b>Solubility</b>                                       | :<br>Not available.                                                                                                              |
| <b>Solubility in water</b>                              | : Not available.                                                                                                                 |
| <b>Miscible with water</b>                              | : No.                                                                                                                            |
| <b>Partition coefficient n-octanol/ water (log Pow)</b> | : Not applicable.                                                                                                                |
| <b>Vapour pressure</b>                                  | : Not available.                                                                                                                 |
| <b>Evaporation rate</b>                                 | : Not available.                                                                                                                 |
| <b>Density</b>                                          | : 1,01 g/cm <sup>3</sup>                                                                                                         |
| <b>Relative vapour density</b>                          | : Not available.                                                                                                                 |
| <b>Explosive properties</b>                             | : Not available.                                                                                                                 |
| <b>Oxidising properties</b>                             | : Not available.                                                                                                                 |
| <b><u>Particle characteristics</u></b>                  |                                                                                                                                  |
| <b>Median particle size</b>                             | : Not applicable.                                                                                                                |

### 9.2.1 Information with regard to physical hazard classes

|                             |                  |
|-----------------------------|------------------|
| <b>Explosive properties</b> | : Not available. |
| <b>Oxidising properties</b> | : Not available. |

### 9.2.2 Other safety characteristics

|                            |       |
|----------------------------|-------|
| <b>Miscible with water</b> | : No. |
|----------------------------|-------|

## SECTION 10: Stability and reactivity

|                                                |                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.           |
| <b>10.2 Chemical stability</b>                 | : The product is stable.                                                                               |
| <b>10.3 Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| <b>10.4 Conditions to avoid</b>                | : No specific data.                                                                                    |
| <b>10.5 Incompatible materials</b>             | : No specific data.                                                                                    |
| <b>10.6 Hazardous decomposition products</b>   | : 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**

benzyl alcohol

##### **Result**

###### **Rat - Oral - LD50**

1230 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Behavioral - Excitement Behavioral - Coma

###### **Rabbit - Dermal - LD50**

2000 mg/kg

2,4,6-tris(dimethylaminomethyl)phenol

###### **Rat - Oral - LD50**

1200 mg/kg

Toxic effects: Peripheral Nerve and Sensation - Flaccid paralysis without anesthesia (usually neuromuscular blockage) Lung, Thorax, or Respiration - Dyspnea

###### **Rat - Dermal - LD50**

1280 mg/kg

3-aminopropyldimethylamine

###### **Rat - Oral - LD50**

1870 mg/kg

3-aminopropyltriethoxysilane

###### **Rabbit - Dermal - LD50**

4,29 g/kg

Toxic effects: Gastrointestinal - Ulceration or bleeding from stomach Kidney, Ureter, and Bladder - Other changes Skin After topical exposure - Primary irritation

###### **Rat - Oral - LD50**

1,57 g/kg

Toxic effects: Gastrointestinal - Hypermotility, diarrhea Kidney, Ureter, and Bladder - Changes in tubules (including acute renal failure, acute tubular necrosis)

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

#### Acute toxicity estimates

| Product/ingredient name                         | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapours) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|-------------------------------------------------|--------------|----------------|--------------------------|-----------------------------|-------------------------------------|
| DETALE Kabric Floor Smooth Prepare, component B | 500          | N/A            | N/A                      | N/A                         | N/A                                 |
| benzyl alcohol                                  | 1200         | N/A            | N/A                      | N/A                         | N/A                                 |
| 2,4,6-tris(dimethylaminomethyl)phenol           | 500          | N/A            | N/A                      | N/A                         | N/A                                 |
| 3-aminopropyldimethylamine                      | 500          | N/A            | N/A                      | N/A                         | N/A                                 |
| 3-aminopropyltriethoxysilane                    | 500          | 4290           | N/A                      | N/A                         | N/A                                 |

#### Skin corrosion/irritation

##### **Product/ingredient name**

KF EPOXY, component B

benzyl alcohol

##### **Result**

###### **Mammal - species unspecified - Skin - Irritant**

In Vitro Skin Corrosion: Human Skin Model Test

###### **Man - Skin - Mild irritant**

Duration of treatment/exposure: 48 hours

Amount/concentration applied: 16 mg

DETALE Kabric Floor Smooth Prepare, component B

## SECTION 11: Toxicological information

|                                       |                                                                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 2,4,6-tris(dimethylaminomethyl)phenol | <b>Pig - Skin - Moderate irritant</b><br><u>Amount/concentration applied:</u> 100 %                                                        |
|                                       | <b>Rabbit - Skin - Moderate irritant</b><br><u>Duration of treatment/exposure:</u> 24 hours<br><u>Amount/concentration applied:</u> 100 mg |
|                                       | <b>Rat - Skin - Mild irritant</b><br><u>Amount/concentration applied:</u> 0.025 MI                                                         |
|                                       | <b>Rat - Skin - Severe irritant</b><br><u>Amount/concentration applied:</u> 0.25 MI                                                        |
|                                       | <b>Rabbit - Skin - Severe irritant</b><br><u>Duration of treatment/exposure:</u> 24 hours<br><u>Amount/concentration applied:</u> 2 mg     |
|                                       | <b>Rabbit - Skin - Severe irritant</b><br><u>Duration of treatment/exposure:</u> 24 hours<br><u>Amount/concentration applied:</u> 500 uL   |
| 3-aminopropyltriethoxysilane          | <b>Rabbit - Skin - Severe irritant</b><br><u>Duration of treatment/exposure:</u> 24 hours<br><u>Amount/concentration applied:</u> 5 mg     |

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

### Serious eye damage/eye irritation

| <b>Product/ingredient name</b>        | <b>Result</b>                                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 2,4,6-tris(dimethylaminomethyl)phenol | <b>Rabbit - Eyes - Severe irritant</b><br><u>Duration of treatment/exposure:</u> 24 hours<br><u>Amount/concentration applied:</u> 50 ug  |
| 3-aminopropyldimethylamine            | <b>Rabbit - Eyes - Moderate irritant</b><br><u>Amount/concentration applied:</u> 5 mg                                                    |
| 3-aminopropyltriethoxysilane          | <b>Rabbit - Eyes - Mild irritant</b><br><u>Amount/concentration applied:</u> 100 mg                                                      |
|                                       | <b>Rabbit - Eyes - Severe irritant</b><br><u>Duration of treatment/exposure:</u> 24 hours<br><u>Amount/concentration applied:</u> 750 ug |

**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**

## SECTION 11: Toxicological information

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

### Germ cell mutagenicity

Not available.

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

### Carcinogenicity

Not available.

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

### Reproductive toxicity

Not available.

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

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

3-aminopropyltrimethylamine  
Hydrocarbons, C9, aromatics

#### **Result**

STOT SE 3, H335 (Respiratory tract irritation)  
STOT SE 3, H335 (Respiratory tract irritation)  
STOT SE 3, H336 (Narcotic effects)

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

#### **Product/ingredient name**

Hydrocarbons, C9, aromatics

#### **Result**

ASPIRATION HAZARD - Category 1

### Information on likely routes of exposure

Not available.

### Symptoms related to the physical, chemical and toxicological characteristics

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : Adverse symptoms may include the following:<br>pain<br>watering<br>redness                           |
| <b>Inhalation</b>   | : No specific data.                                                                                    |
| <b>Skin contact</b> | : Adverse symptoms may include the following:<br>pain or irritation<br>redness<br>blistering may occur |
| <b>Ingestion</b>    | : Adverse symptoms may include the following:<br>stomach pains                                         |

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

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

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SECTION 11: Toxicological information

- Potential immediate effects : Not available.
- Potential delayed effects : Not available.
- Potential chronic health effects
- Not available.
- Conclusion/Summary [Product] : Not available.
- General : 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                                                                                                   | Result                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine | <b>Acute - LC50</b><br>Fish, Acute Toxicity Test<br>Fish - <i>Oncorhynchus mykiss</i><br>1,806 mg/l [96 hours]<br><br><b>Acute - ErC50</b><br>Alga, Growth Inhibition Test<br>Algae - <i>Selenastrum capricornutum</i><br>0,186 mg/l [72 hours]<br><br><b>Acute - EC50</b><br>Daphnia sp. Acute Immobilization Test and Reproduction Test<br>Daphnia - <i>Daphnia Magna</i><br>0,705 mg/l [48 hours] |
| benzyl alcohol                                                                                                            | <b>Acute - LC50 - Fresh water</b><br>Fish - Bluegill - <i>Lepomis macrochirus</i><br>10 ppm [96 hours]<br><u>Effect</u> : Mortality                                                                                                                                                                                                                                                                  |
| Hydrocarbons, C9, aromatics                                                                                               | <b>Acute - IC50</b><br>Algae - <i>Pseudokirchneriella subcapitata</i><br>2,6 to 2,9 mg/l [72 hours]                                                                                                                                                                                                                                                                                                  |
| Conclusion/Summary [Product]                                                                                              | : Not available.                                                                                                                                                                                                                                                                                                                                                                                     |

12.2 Persistence and degradability

| Product/ingredient name | Result |
|-------------------------|--------|
|-------------------------|--------|

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Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine

Ready Biodegradability - Closed Bottle Test  
9% [28 days]

3-aminopropyldimethylamine

Ready Biodegradability - Closed Bottle Test  
65% [20 days] - Readily

Hydrocarbons, C9, aromatics

Ready Biodegradability - Manometric Respirometry Test  
>60% [28 days] - Not readily

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

| Product/ingredient name                                                                                                   | Aquatic half-life | Photolysis | Biodegradability |
|---------------------------------------------------------------------------------------------------------------------------|-------------------|------------|------------------|
| Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine | -                 | -          | Not readily      |
| 3-aminopropyldimethylamine                                                                                                | -                 | -          | Readily          |
| Hydrocarbons, C9, aromatics                                                                                               | -                 | -          | Not readily      |

### 12.3 Bioaccumulative potential

| Product/ingredient name               | LogP <sub>ow</sub> | BCF              | Potential |
|---------------------------------------|--------------------|------------------|-----------|
| benzyl alcohol                        | 0,87               | -                | Low       |
| 2,4,6-tris(dimethylaminomethyl)phenol | 0,219              | -                | Low       |
| 3-aminopropyldimethylamine            | -0,352             | 3,16             | Low       |
| 3-aminopropyltriethoxysilane          | 1,7                | 3,4 [OECD 305 C] | Low       |
| Hydrocarbons, C9, aromatics           | -                  | 159              | Low       |

### 12.4 Mobility in soil

#### Soil/water partition coefficient

| Product/ingredient name               | logK <sub>oc</sub> | K <sub>oc</sub> |
|---------------------------------------|--------------------|-----------------|
| benzyl alcohol                        | 1,1                | 12,6442         |
| 2,4,6-tris(dimethylaminomethyl)phenol | 2,7                | 525,589         |
| 3-aminopropyldimethylamine            | 1,7                | 46,284          |
| 3-aminopropyltriethoxysilane          | 2,5                | 282,955         |

#### Results of PMT and vPvM assessment

| Product/ingredient name                                                                                                   | PMT | P  | M  | T  | vPvM | vP | vM |
|---------------------------------------------------------------------------------------------------------------------------|-----|----|----|----|------|----|----|
| Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine | No  | No | No | No | No   | No | No |
| benzyl alcohol                                                                                                            | No  | No | No | No | No   | No | No |
| 2,4,6-tris(dimethylaminomethyl)phenol                                                                                     | No  | No | No | No | No   | No | No |
| 3-aminopropyldimethylamine                                                                                                | No  | No | No | No | No   | No | No |
| 3-aminopropyltriethoxysilane                                                                                              | No  | No | No | No | No   | No | No |
| Hydrocarbons, C9, aromatics                                                                                               | 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.

## SECTION 12: Ecological information

### 12.5 Results of PBT and vPvB assessment

#### Regulation (EC) No. 1907/2006 [REACH]

| Product/ingredient name                                                                                                   | PBT | P  | B  | T  | vPvB | vP | vB |
|---------------------------------------------------------------------------------------------------------------------------|-----|----|----|----|------|----|----|
| Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine | No  | No | No | No | No   | No | No |
| benzyl alcohol                                                                                                            | No  | No | No | No | No   | No | No |
| 2,4,6-tris (dimethylaminomethyl) phenol                                                                                   | No  | No | No | No | No   | No | No |
| 3-aminopropyldimethylamine                                                                                                | No  | No | No | No | No   | No | No |
| 3-aminopropyltriethoxysilane                                                                                              | No  | No | No | No | No   | No | No |
| Hydrocarbons, C9, aromatics                                                                                               | No  | No | No | No | No   | No | No |

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

| Product/ingredient name                                                                                                   | PBT | P  | B  | T  | vPvB | vP | vB |
|---------------------------------------------------------------------------------------------------------------------------|-----|----|----|----|------|----|----|
| Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine | No  | No | No | No | No   | No | No |
| benzyl alcohol                                                                                                            | No  | No | No | No | No   | No | No |
| 2,4,6-tris (dimethylaminomethyl) phenol                                                                                   | No  | No | No | No | No   | No | No |
| 3-aminopropyldimethylamine                                                                                                | No  | No | No | No | No   | No | No |
| 3-aminopropyltriethoxysilane                                                                                              | No  | No | No | No | No   | No | No |
| Hydrocarbons, C9, aromatics                                                                                               | No  | No | No | No | No   | No | No |

**Conclusion/Summary** : The product does not meet the criteria to be considered as a PBT or vPvB.

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

### 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.

## SECTION 13: Disposal considerations

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).

### 13.1 Waste treatment methods

#### Product

## SECTION 13: Disposal considerations

**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.

**Hazardous waste** : Yes.

**European waste catalogue (EWC)**

| Waste code | Waste designation                                                                 |
|------------|-----------------------------------------------------------------------------------|
| 08 01 11*  | Waste paint and varnish containing organic solvents or other hazardous substances |

### 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|                                         | ADR/RID                                                                                  | IMDG                                                                                     | IATA                                                                                       |
|-----------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>14.1 UN number or ID number</b>      | UN2735                                                                                   | UN2735                                                                                   | UN2735                                                                                     |
| <b>14.2 UN proper shipping name</b>     | Amines, liquid, corrosive, n.o.s. (2,4,6-tris (dimethylaminomethyl) phenol)              | Amines, liquid, corrosive, n.o.s. (2,4,6-tris (dimethylaminomethyl) phenol)              | Amines, liquid, corrosive, n.o.s. (2,4,6-tris (dimethylaminomethyl) phenol)                |
| <b>14.3 Transport hazard class (es)</b> | 8<br> | 8<br> | 8<br> |
| <b>14.4 Packing group</b>               | III                                                                                      | III                                                                                      | III                                                                                        |
| <b>14.5 Environmental hazards</b>       | 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 E**

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

**Emergency schedules F-A, S-B**

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

**14.6 Special precautions for user** : **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.

**14.7 Maritime transport in bulk according to IMO instruments** : Not available.

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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

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] |
|-------------------------|-----|---------------------|
| KF EPOXY, component B   | ≥90 | 3                   |

Labelling : Not applicable.

Other EU regulations

Industrial emissions (integrated pollution prevention and control) - Air : Not listed

Industrial emissions (integrated pollution prevention and control) - Water : Not listed

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 |
|----------|
| E1       |

National regulations

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

Not listed.

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## SECTION 15: Regulatory information

**15.2 Chemical safety assessment** : Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

## 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             |
|-------------------------|---------------------------|
| Acute Tox. 4, H302      | Expert judgment           |
| Skin Corr. 1, H314      | Expert judgment           |
| Eye Dam. 1, H318        | SKIN CORROSION/IRRITATION |
| Skin Sens. 1, H317      | Expert judgment           |
| Aquatic Acute 1, H400   | Expert judgment           |
| Aquatic Chronic 1, H410 | Expert judgment           |

### Full text of abbreviated H statements

|        |                                                       |
|--------|-------------------------------------------------------|
| H226   | Flammable liquid and vapour.                          |
| H302   | Harmful if swallowed.                                 |
| H304   | May be fatal if swallowed and enters airways.         |
| H314   | Causes severe skin burns and eye damage.              |
| H315   | Causes skin irritation.                               |
| H317   | May cause an allergic skin reaction.                  |
| H318   | Causes serious eye damage.                            |
| H319   | Causes serious eye irritation.                        |
| H335   | May cause respiratory irritation.                     |
| H336   | May cause drowsiness or dizziness.                    |
| 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. 3      | FLAMMABLE LIQUIDS - Category 3                                |
| Skin Corr. 1      | SKIN CORROSION/IRRITATION - Category 1                        |
| Skin Corr. 1B     | SKIN CORROSION/IRRITATION - Category 1B                       |
| Skin Corr. 1C     | SKIN CORROSION/IRRITATION - Category 1C                       |
| Skin Irrit. 2     | SKIN CORROSION/IRRITATION - Category 2                        |
| Skin Sens. 1      | SKIN SENSITISATION - Category 1                               |
| Skin Sens. 1B     | SKIN SENSITISATION - Category 1B                              |
| STOT SE 3         | SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3 |

**Product code** :

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SECTION 16: Other information

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Notice to reader

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.