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

1.1. Product identifier
LOCTITE 222

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Anaerobic Adhesive

1.3. Details of the supplier of the safety data sheet
Henkel Ltd
Wood Lane End
HP2 4RQ   Hemel Hempstead
Great Britain

Phone: +44 1442 278000
Fax-no.: +44 1442 278071
ua-productsafety.uk@henkel.com

1.4. Emergency telephone number
24 Hours Emergency Tel: +44 (0)1442 278497

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

**Classification (CLP):**
- Serious eye irritation
- Specific target organ toxicity - single exposure
- Target organ: respiratory tract irritation

**Hazard pictogram:**

Contains Cumene hydroperoxide

- Category 2
- Category 3

**H319** Causes serious eye irritation.
**H335** May cause respiratory irritation.
**H412** Harmful to aquatic life with long lasting effects.
2.3. Other hazards
None if used properly.
Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General chemical description:
Product based on polyethylene glycol dimethacrylate.
### Declaration of the ingredients according to CLP (EC) No 1272/2008:

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>EC Number</th>
<th>content</th>
<th>Classification</th>
</tr>
</thead>
</table>
| Cumene hydroperoxide  
  80-15-9               | 201-254-7  
  01-2119475796-19   | 0.25- < 2.5% | Acute Tox. 4; Dermal H312  
  STOT RE 2  
  H373  
  Acute Tox. 4; Oral H302  
  Org. Perox. E H242  
  Acute Tox. 3; Inhalation H331  
  Aquatic Chronic 2  
  H411  
  Skin Corr. 1B H314 |
| N,N-Diethyl-p-toluidine  
  613-48-9               | 210-345-0 | 0.1- < 1% | Acute Tox. 3; Oral H301  
  Acute Tox. 3; Dermal H311  
  Acute Tox. 3; Inhalation H331  
  STOT RE 2  
  H373  
  Aquatic Chronic 3  
  H412 |
| 1,4-Naphthalenedione  
  130-15-4               | 204-977-6 | 0.01- < 0.025% (100 ppm- < 250 ppm) | Acute Tox. 3; Oral H301  
  Skin Irrit. 2; Dermal H315  
  Skin Sens. 1 H317  
  Eye Irrit. 2 H319  
  Acute Tox. 1; Inhalation H330  
  STOT SE 3; Inhalation H335  
  Aquatic Acute 1 H400  
  Aquatic Chronic 1 H410  
  M factor (Acute Aquat Tox); 10 M factor (Chron Aquat Tox); 10 |

For full text of the H - statements and other abbreviations see section 16 "Other information". Substances without classification may have community workplace exposure limits available.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:**
Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air.

**Skin contact:**
Rinse with running water and soap. Obtain medical attention if irritation persists.

**Eye contact:**
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

**Ingestion:**
Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.
4.2. Most important symptoms and effects, both acute and delayed
EYE: Irritation, conjunctivitis.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

Prolonged or repeated contact may cause skin irritation.

4.3. Indication of any immediate medical attention and special treatment needed
See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
Foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture
In the event of a fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) can be released.

5.3. Advice for firefighters
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:
In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
Avoid contact with skin and eyes.
Wear protective equipment.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
For small spills wipe up with paper towel and place in container for disposal.
For large spills absorb onto inert absorbent material and place in sealed container for disposal.
Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections
See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Use only in well-ventilated areas.
Gloves and safety glasses should be worn
Avoid skin and eye contact.
Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.
See advice in section 8

Hygiene measures:
Good industrial hygiene practices should be observed.
Do not eat, drink or smoke while working.
Wash hands before work breaks and after finishing work.

7.2. Conditions for safe storage, including any incompatibilities
Refer to Technical Data Sheet
7.3. Specific end use(s)
Anaerobic Adhesive

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

8.1. Control parameters

**Occupational Exposure Limits**

Valid for Great Britain

<table>
<thead>
<tr>
<th>Ingredient [Regulated substance]</th>
<th>ppm</th>
<th>mg/m³</th>
<th>Value type</th>
<th>Short term exposure limit category / Remarks</th>
<th>Regulatory list</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol 57-55-6 [PROPANE-1,2-DIOL, PARTICULATES]</td>
<td>10</td>
<td>Time Weighted Average (TWA):</td>
<td></td>
<td></td>
<td>EH40 WEL</td>
</tr>
<tr>
<td>Propane-1,2-diol 57-55-6 [PROPANE-1,2-DIOL, TOTAL VAPOUR AND PARTICULATES]</td>
<td>150</td>
<td>474</td>
<td>Time Weighted Average (TWA):</td>
<td></td>
<td>EH40 WEL</td>
</tr>
</tbody>
</table>

Valid for Ireland

<table>
<thead>
<tr>
<th>Ingredient [Regulated substance]</th>
<th>ppm</th>
<th>mg/m³</th>
<th>Value type</th>
<th>Short term exposure limit category / Remarks</th>
<th>Regulatory list</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol 57-55-6 [PROPANE-1,2-DIOL, PARTICULATES]</td>
<td>10</td>
<td>Time Weighted Average (TWA):</td>
<td></td>
<td></td>
<td>IR_OEL</td>
</tr>
<tr>
<td>Propane-1,2-diol 57-55-6 [PROPANE-1,2-DIOL, TOTAL VAPOUR AND PARTICULATES]</td>
<td>150</td>
<td>470</td>
<td>Time Weighted Average (TWA):</td>
<td></td>
<td>IR_OEL</td>
</tr>
</tbody>
</table>

**Predicted No-Effect Concentration (PNEC):**

<table>
<thead>
<tr>
<th>Name on list</th>
<th>Environmental Compartment</th>
<th>Exposure period</th>
<th>Value</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>.alpha.,.alpha.-Dimethylbenzyl hydroperoxide 80-15-9</td>
<td>aqua (freshwater)</td>
<td></td>
<td>0.0031 mg/l</td>
<td></td>
</tr>
<tr>
<td>.alpha.,.alpha.-Dimethylbenzyl hydroperoxide 80-15-9</td>
<td>aqua (marine water)</td>
<td></td>
<td>0.00031 mg/l</td>
<td></td>
</tr>
<tr>
<td>.alpha.,.alpha.-Dimethylbenzyl hydroperoxide 80-15-9</td>
<td>aqua (intermittent releases)</td>
<td></td>
<td>0.031 mg/l</td>
<td></td>
</tr>
<tr>
<td>.alpha.,.alpha.-Dimethylbenzyl hydroperoxide 80-15-9</td>
<td>Sewage treatment plant</td>
<td></td>
<td>0.35 mg/l</td>
<td></td>
</tr>
<tr>
<td>.alpha.,.alpha.-Dimethylbenzyl hydroperoxide 80-15-9</td>
<td>sediment (freshwater)</td>
<td></td>
<td>0.023 mg/kg</td>
<td></td>
</tr>
<tr>
<td>.alpha.,.alpha.-Dimethylbenzyl hydroperoxide 80-15-9</td>
<td>sediment (marine water)</td>
<td></td>
<td>0.0023 mg/kg</td>
<td></td>
</tr>
<tr>
<td>.alpha.,.alpha.-Dimethylbenzyl hydroperoxide 80-15-9</td>
<td>Soil</td>
<td></td>
<td>0.0029 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>
Derived No-Effect Level (DNEL):

<table>
<thead>
<tr>
<th>Name on list</th>
<th>Application Area</th>
<th>Route of Exposure</th>
<th>Health Effect</th>
<th>Exposure Time</th>
<th>Value</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>.alpha..alpha.-Dimethylbenzyl</td>
<td>Workers</td>
<td>inhalation</td>
<td>Long term exposure - systemic effects</td>
<td></td>
<td>6 mg/m3</td>
<td></td>
</tr>
<tr>
<td>hydroperoxide 80-15-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Biological Exposure Indices:
None

8.2. Exposure controls:

Engineering controls:
Ensure good ventilation/extraction.

Respiratory protection:
Ensure adequate ventilation.
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area
Filter type: A (EN 14387)

Hand protection:
Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
- nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
- nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:
Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Protective eye equipment should conform to EN166.

Skin protection:
Wear suitable protective clothing.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advises to personal protection equipment:
The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td></td>
<td>purple</td>
</tr>
<tr>
<td>Odor</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>3.00 - 6.00</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available / Not applicable</td>
</tr>
<tr>
<td>Solidification temperature</td>
<td>No data available / Not applicable</td>
</tr>
</tbody>
</table>
Initial boiling point  > 150 °C (> 302 °F)
Flash point  > 100 °C (> 212 °F)
Evaporation rate  No data available / Not applicable
Flammability  No data available / Not applicable
Explosive limits  No data available / Not applicable
Vapour pressure  < 0,1300000 mbar
(25 °C (77 °F))
Vapour pressure  < 300 mbar
(50 °C (122 °F))
Relative vapour density:  No data available / Not applicable
Density  1,08 g/cm³
Bulk density  No data available / Not applicable
Solubility  No data available / Not applicable
Solubility (qualitative)  Slight
(Solvent: Water)
Solubility (qualitative)  Miscible
(Solvent: Acetone)
Partition coefficient: n-octanol/water  No data available / Not applicable
Auto-ignition temperature  No data available / Not applicable
Decomposition temperature  No data available / Not applicable
Viscosity  No data available / Not applicable
Viscosity (kinematic)  No data available / Not applicable
Explosive properties  No data available / Not applicable
Oxidising properties  No data available / Not applicable

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
Peroxides.

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
See section reactivity

10.4. Conditions to avoid
Stable under normal conditions of storage and use.

10.5. Incompatible materials
See section reactivity.

10.6. Hazardous decomposition products
Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide</td>
<td>LD50</td>
<td>382 mg/kg</td>
<td>rat</td>
<td>other guideline:</td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,4-Naphthalenedione</td>
<td>LD50</td>
<td>190 mg/kg</td>
<td>rat</td>
<td>not specified</td>
</tr>
<tr>
<td>130-15-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value type</th>
<th>Value</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide</td>
<td>LD50</td>
<td>530 - 1.060 mg/kg</td>
<td>rat</td>
<td>other guideline:</td>
</tr>
<tr>
<td>80-15-9</td>
<td>Acute toxicity estimate (ATE)</td>
<td>1.100 mg/kg</td>
<td>Expert judgement</td>
<td></td>
</tr>
</tbody>
</table>

Acute inhalative toxicity:

No substance data available.
No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Result</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide</td>
<td>corrosive</td>
<td></td>
<td>rabbit</td>
<td>Draize Test</td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Result</th>
<th>Type of study / Route of administration</th>
<th>Metabolic activation / Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide</td>
<td>positive</td>
<td>bacterial reverse mutation assay (e.g Ames test)</td>
<td>without</td>
<td>OECD Guideline 471 (Bacterial Reverse Mutation Assay)</td>
<td></td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.
STOT-repeated exposure:
The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Result / Value</th>
<th>Route of application</th>
<th>Exposure time / Frequency of treatment</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>inhalation: aerosol</td>
<td>6 h/d 5 d/w</td>
<td>rat</td>
<td>not specified</td>
<td></td>
</tr>
</tbody>
</table>

Aspiration hazard:
No data available.

SECTION 12: Ecological information

General ecological information:
Do not empty into drains/surface water/ground water.

12.1. Toxicity
Toxicity (Fish):
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value</th>
<th>Value type</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>LC50</td>
<td>3.9 mg/l</td>
<td>96 h</td>
<td>Oncorhyncus mykiss</td>
<td>OECD Guideline 203 (Fish, Acute Toxicity Test)</td>
</tr>
</tbody>
</table>

Toxicity (Daphnia):
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value</th>
<th>Value type</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>EC50</td>
<td>18 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td>OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)</td>
</tr>
</tbody>
</table>

Chronic toxicity to aquatic invertebrates
No data available.

Toxicity (Algae):
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value</th>
<th>Value type</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>ErC50</td>
<td>3.1 mg/l</td>
<td>72 h</td>
<td>Pseudokirchneriella subcapitata</td>
<td>OECD Guideline 201 (Alga, Growth Inhibition Test)</td>
</tr>
<tr>
<td>1,4-Naphthalenedione 130-15-4</td>
<td>EC50</td>
<td>0.011 mg/l</td>
<td>72 h</td>
<td>Dunaliella bioculata</td>
<td>OECD Guideline 201 (Alga, Growth Inhibition Test)</td>
</tr>
</tbody>
</table>

Toxicity to microorganisms
The mixture is classified based on calculation method referring to the classified substances present in the mixture.

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Value</th>
<th>Value type</th>
<th>Exposure time</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>EC10</td>
<td>70 mg/l</td>
<td>30 min</td>
<td>not specified</td>
<td></td>
</tr>
</tbody>
</table>
12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Result</th>
<th>Test type</th>
<th>Degradability</th>
<th>Exposure time</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>no data</td>
<td>0 %</td>
<td>28 d</td>
<td>OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)</td>
<td></td>
</tr>
<tr>
<td>1,4-Naphthalenedione 130-15-4</td>
<td>not readily biodegradable.</td>
<td>no data</td>
<td>0 - 60 %</td>
<td>OECD 301 A - F</td>
<td></td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>Bioconcentration factor (BCF)</th>
<th>Bioconcentration time</th>
<th>Temperature</th>
<th>Species</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>9,1</td>
<td>calculation</td>
<td>OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

Cured adhesives are immobile.

12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Hazardous substances</th>
<th>LogPow</th>
<th>Temperature</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>2,16</td>
<td>not specified</td>
<td></td>
</tr>
<tr>
<td>1,4-Naphthalenedione 130-15-4</td>
<td>1,71</td>
<td>not specified</td>
<td></td>
</tr>
</tbody>
</table>

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Dispose of in accordance with local and national regulations.
Contribution of this product to waste is very insignificant in comparison to article in which it is used

Disposal of uncleaned packages:
After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.
Disposal must be made according to official regulations.

Waste code
08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances
The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.
## SECTION 14: Transport information

### 14.1. UN number

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR</td>
<td>Not dangerous goods</td>
<td></td>
</tr>
<tr>
<td>RID</td>
<td>Not dangerous goods</td>
<td></td>
</tr>
<tr>
<td>ADN</td>
<td>Not dangerous goods</td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>Not dangerous goods</td>
<td></td>
</tr>
<tr>
<td>IATA</td>
<td>Not dangerous goods</td>
<td></td>
</tr>
</tbody>
</table>

### 14.2. UN proper shipping name

<p>| | | |</p>
<table>
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### 14.3. Transport hazard class(es)

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### 14.4. Packing group

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### 14.5. Environmental hazards

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### 14.6. Special precautions for user

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

not applicable

## SECTION 15: Regulatory information

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

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<tbody>
<tr>
<td>VOC content</td>
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### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.
SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H242 Heating may cause a fire.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your_company.com).

Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.