# Safety Data Sheet according to (EC) No 1907/2006



SDS No. : 346906
V005.0

LOCTITE 270

Revision: 26.02.2015
printing date: 02.03.2015
Replaces version from: 23.01.2014

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

**1.1. Product identifier**
LOCTITE 270

**Contains:**
3,3,5 Trimethylcyclohexyl methacrylate
2,2'-Ethylenedioxydiethyl dimethacrylate
Maleic acid
Acetic acid, 2-phenylhydrazide

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

**1.3. Details of the supplier of the safety data sheet**
Henkel Limited
2 Bishop Square Business Park
AL109EY Herfordshire Hatfield

Great Britain

Phone: +44 1606 593933
Fax-no.: +44 1606 863762

ua-productsafety.uk@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):**

| | |
|---|---|
| Skin irritation | Category 2 |
| H315 Causes skin irritation. | |
| Serious eye irritation | Category 2 |
| H319 Causes serious eye irritation. | |
| Skin sensitizer | Category 1 |
| H317 May cause an allergic skin reaction. | |
| Specific target organ toxicity - single exposure | Category 3 |
| H335 May cause respiratory irritation. | |
| Target organ: respiratory tract irritation | |

**Classification (DPD):**

Sensitizing
R43 May cause sensitisation by skin contact.
Xi - Irritant
R36/37/38 Irritating to eyes, respiratory system and skin.

**2.2. Label elements**

**Label elements (CLP):**

| | |
|---|---|
| **Hazard pictogram:** |  |
| **Signal word:** | Warning |
| **Hazard statement:** | H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation. |
| **Precautionary statement:** | ***For consumer use only: P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P501 Dispose of waste and residues in accordance with local authority requirements*** |
| **Precautionary statement: Prevention** | P261 Avoid breathing vapours.<br>P280 Wear protective gloves. |
| **Precautionary statement: Response** | P302+P352 IF ON SKIN: Wash with plenty of soap and water.<br>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.<br>P337+P313 If eye irritation persists: Get medical advice/attention. |

**Label elements (DPD):**

Xi - Irritant



Risk phrases:
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.

Safety phrases:
S23 Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.

Additional labeling:
For consumer use only: S2 Keep out of the reach of children.
S46 If swallowed, seek medical advice immediately and show this container or label.

Contains:
Maleic acid,
2,2'-Ethylenedioxydiethyl dimethacrylate

**2.3. Other hazards**
None if used properly.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

**General chemical description:**
Anaerobic adhesive

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No. | EC Number<br>REACH-Reg No. | content | Classification |
|---|---|---|---|
| 3,3,5 Trimethylcyclohexyl methacrylate<br>7779-31-9 | 231-927-0 | 20- 40 % | STOT SE 3<br>H335<br>Skin Irrit. 2<br>H315<br>Eye Irrit. 2<br>H319 |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | 203-652-6<br>01-2119969287-21 | 5- < 10 % | Skin Sens. 1B<br>H317 |
| Cumene hydroperoxide<br>80-15-9 | 201-254-7 | 1- < 2,5 % | Acute Tox. 4; Dermal<br>H312<br>STOT RE 2<br>H373<br>Acute Tox. 4; Oral<br>H302<br>Org. Perox. E<br>H242<br>Acute Tox. 3; Inhalation<br>H331<br>Skin Corr. 1B<br>H314<br>Aquatic Chronic 2<br>H411 |
| Maleic acid<br>110-16-7 | 203-742-5<br>01-2119488705-25 | 0,1- < 1 % | Acute Tox. 4; Oral<br>H302<br>Acute Tox. 4; Dermal<br>H312<br>Skin Irrit. 2<br>H315<br>Skin Sens. 1<br>H317<br>Eye Irrit. 2<br>H319<br>STOT SE 3<br>H335 |
| Acetic acid, 2-phenylhydrazide<br>114-83-0 | 204-055-3 | 0,1- < 1 % | Acute Tox. 3; Oral<br>H301<br>Skin Irrit. 2<br>H315<br>Skin Sens. 1<br>H317<br>Eye Irrit. 2<br>H319<br>STOT SE 3; Inhalation<br>H335<br>Carc. 2<br>H351 |
| 1,4-Naphthalenedione<br>130-15-4 | 204-977-6 | 0,01- < 0,1 % | Acute Tox. 3; Oral<br>H301<br>Skin Irrit. 2; Dermal<br>H315<br>Skin Sens. 1; Dermal<br>H317<br>Eye Irrit. 2<br>H319<br>Acute Tox. 1; Inhalation<br>H330<br>STOT SE 3; Inhalation<br>H335<br>Aquatic Acute 1<br>H400<br>Aquatic Chronic 1<br>H410<br>M factor: 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.**

**Declaration of ingredients according to DPD (EC) No 1999/45:**

| Hazardous components<br>CAS-No. | EC Number<br>REACH-Reg No. | content | Classification |
|---|---|---|---|
| 3,3,5 Trimethylcyclohexyl methacrylate<br>7779-31-9 | 231-927-0 | 20 - 40 % | Xi - Irritant; R36/37/38 |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | 203-652-6<br>01-2119969287-21 | 5 - < 10 % | Xi - Irritant; R43 |
| Cumene hydroperoxide<br>80-15-9 | 201-254-7 | 1 - < 2,5 % | T - Toxic; R23<br>Xn - Harmful; R21/22, R48/20/22<br>C - Corrosive; R34<br>O - Oxidizing; R7<br>N - Dangerous for the environment; R51/53 |
| Maleic acid<br>110-16-7 | 203-742-5<br>01-2119488705-25 | 0,1 - < 1 % | Xn - Harmful; R21/22<br>Xi - Irritant; R36/37/38, R43 |
| Cumene<br>98-82-8 | 202-704-5 | 0,1 - < 1 % | R10<br>Xn - Harmful; R65<br>Xi - Irritant; R37<br>N - Dangerous for the environment; R51/53 |
| 1,4-Naphthalenedione<br>130-15-4 | 204-977-6 | 0,01 - < 0,1 % | T+ - Very toxic; R25, R26<br>Xi - Irritant; R36/37/38, R43<br>N - Dangerous for the environment; R50/53 |

**For full text of the R-Phrases indicated by codes 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:
Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:
Rinse with running water and soap.
Seek medical advice.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Seek medical advice.

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

EYE: Irritation, conjunctivitis.

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

SKIN: Redness, inflammation.

SKIN: Rash, Urticaria.

### 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:**
Carbon dioxide, foam, powder
Fine water spray

**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**
Avoid skin and eye contact.
Ensure adequate ventilation.

**6.2. Environmental precautions**
Do not let product enter drains.

**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.

**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.
Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

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**
Ensure good ventilation/extraction.
Store in a cool, well-ventilated place.

**7.3. Specific end use(s)**
Adhesive

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational Exposure Limits**

Valid for
Great Britain

| Ingredient | ppm | mg/m³ | Type | Category | Regulatory list |
|---|---|---|---|---|---|
| Cumene<br>98-82-8<br>[CUMENE] | 50 | 250 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| Cumene<br>98-82-8<br>[CUMENE] | | | Skin designation: | Can be absorbed through the skin. | EH40 WEL |
| Cumene<br>98-82-8<br>[CUMENE] | 25 | 125 | Time Weighted Average (TWA): | | EH40 WEL |
| Cumene<br>98-82-8<br>[CUMENE] | 50 | 250 | Short Term Exposure Limit (STEL): | Indicative | ECTLV |
| Cumene<br>98-82-8<br>[CUMENE] | 20 | 100 | Time Weighted Average (TWA): | Indicative | ECTLV |

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

| Name on list | Environmental Compartment | Exposure period | Value | | | | Remarks |
|---|---|---|---|---|---|---|---|
| | | | mg/l | ppm | mg/kg | others | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | aqua (freshwater) | | | | | 0,164 mg/L | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | aqua (marine water) | | | | | 0,0164 mg/L | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | STP | | | | | 10 mg/L | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | aqua (intermittent releases) | | | | | 0,164 mg/L | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | sediment (freshwater) | | | | 1,85 mg/kg | | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | sediment (marine water) | | | | 0,185 mg/kg | | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | Soil | | | | 0,274 mg/kg | | |
| Maleic acid<br>110-16-7 | aqua (freshwater) | | | | | 0,074 mg/L | |
| Maleic acid<br>110-16-7 | aqua (intermittent releases) | | | | | 0,744 mg/L | |
| Maleic acid<br>110-16-7 | sediment (freshwater) | | | | 0,0624 mg/kg | | |
| Maleic acid<br>110-16-7 | STP | | | | | 3,33 mg/L | |

**Derived No-Effect Level (DNEL):**

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|---|---|---|---|---|---|---|
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | Workers | inhalation | Long term exposure - systemic effects | | 48,5 mg/m3 | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | Workers | Dermal | Long term exposure - systemic effects | | 13,9 mg/kg bw/day | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | general population | inhalation | Long term exposure - systemic effects | | 14,5 mg/m3 | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | general population | Dermal | Long term exposure - systemic effects | | 8,33 mg/kg bw/day | |
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | general population | oral | Long term exposure - systemic effects | | 8,33 mg/kg bw/day | |
| Maleic acid 110-16-7 | Workers | Dermal | Acute/short term exposure - local effects | | 0,55 mg/cm2 | |
| Maleic acid 110-16-7 | Workers | Dermal | Long term exposure - local effects | | 0,04 mg/cm2 | |
| Maleic acid 110-16-7 | Workers | Dermal | Acute/short term exposure - systemic effects | | 58 mg/kg bw/day | |
| Maleic acid 110-16-7 | Workers | Dermal | Long term exposure - systemic effects | | 3,3 mg/kg bw/day | |

**Biological Exposure Indices:**
None

**8.2. Exposure controls:**

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

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:
Wear protective glasses.

Skin protection:
Wear suitable protective clothing.

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

| | |
|---|---|
| Appearance | liquid<br>liquid<br>green |
| Odor | characteristic |
| Odour threshold | No data available / Not applicable |
| pH | No data available / Not applicable |
| Initial boiling point | > 65 °C (> 149 °F) |
| Flash point | 110 °C (230 °F) |
| Decomposition temperature | No data available / Not applicable |
| Vapour pressure<br>(25 °C (77 °F)) | 2,85 mbar |
| Density<br>() | 1,10 g/cm3 |
| Bulk density | 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 |
| Solubility (qualitative)<br>(23 °C (73.4 °F); Solvent: Water) | Insoluble |
| Solubility (qualitative)<br>(Solvent: Acetone) | Soluble |
| Solidification temperature | No data available / Not applicable |
| Melting point | No data available / Not applicable |
| Flammability | No data available / Not applicable |
| Auto-ignition temperature | No data available / Not applicable |
| Explosive limits | No data available / Not applicable |
| Partition coefficient: n-octanol/water | No data available / Not applicable |
| Evaporation rate | No data available / Not applicable |
| Vapor density | 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**

No decomposition if used according to specifications.

**10.5. Incompatible materials**

See section reactivity

**10.6. Hazardous decomposition products**

carbon oxides.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**General toxicological information:**
The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**STOT-single exposure:**
May cause drowsiness or dizziness.

**Oral toxicity:**
May cause irritation to the digestive tract.

**Inhalative toxicity:**
Due to the low volatility of the product there are no hazards associated with inhalation under normal conditions of use

**Skin irritation:**
Causes skin irritation.

**Eye irritation:**
Causes serious eye irritation.

**Sensitizing:**
May cause an allergic skin reaction.

**Acute oral toxicity:**

| Hazardous components<br>CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | LD50 | 10.837 mg/kg | oral | | rat | |
| Cumene hydroperoxide<br>80-15-9 | LD50 | 550 mg/kg | oral | | rat | |
| Maleic acid<br>110-16-7 | LD50 | 708 mg/kg | oral | | rat | |

**Acute inhalative toxicity:**

| Hazardous components<br>CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|

**Acute dermal toxicity:**

| Hazardous components<br>CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Maleic acid<br>110-16-7 | LD50 | 1.560 mg/kg | dermal | | rabbit | |

**Skin corrosion/irritation:**

| Hazardous components<br>CAS-No. | Result | Exposure time | Species | Method |
|---|---|---|---|---|
| Cumene hydroperoxide<br>80-15-9 | corrosive | | rabbit | Draize Test |

**Serious eye damage/irritation:**

| Hazardous components<br>CAS-No. | Result | Exposure time | Species | Method |
|---|---|---|---|---|
| 2,2'-Ethylenedioxydiethyl dimethacrylate<br>109-16-0 | slightly irritating | 24 h | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

**Germ cell mutagenicity:**

| Hazardous components CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|---|---|---|---|---|---|
| Cumene hydroperoxide 80-15-9 | positive | bacterial reverse mutation assay (e.g Ames test) | without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| Cumene hydroperoxide 80-15-9 | negative | dermal | | mouse | |

**Repeated dose toxicity**

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Method |
|---|---|---|---|---|---|
| Cumene hydroperoxide 80-15-9 | | inhalation: aerosol | 6 h/d5 d/w | rat | |

## SECTION 12: Ecological information

**General ecological information:**

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**12.1. Toxicity**

**Ecotoxicity:**

Do not empty into drains / surface water / ground water.

| Hazardous components CAS-No. | Value type | Value | Acute Toxicity Study | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | LC50 | 16,4 mg/l | Fish | 96 h | | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Cumene hydroperoxide 80-15-9 | LC50 | 3,9 mg/l | Fish | 96 h | Oncorhynchus mykiss | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Cumene hydroperoxide 80-15-9 | EC50 | 18 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Cumene hydroperoxide 80-15-9 | ErC50 | 3,1 mg/l | Algae | 72 h | Pseudokirchnerella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Maleic acid 110-16-7 | LC50 | > 245 mg/l | Fish | 48 h | Leuciscus idus | DIN 38412-15 |
| Maleic acid 110-16-7 | EC50 | 42,81 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| 1,4-Naphthalenedione 130-15-4 | EC50 | 0,011 mg/l | Algae | 72 h | Dunaliella bioculata | OECD Guideline 201 (Alga, Growth Inhibition Test) |

**12.2. Persistence and degradability**

**Persistence and Biodegradability:**

No data available.

| Hazardous components CAS-No. | Result | Route of application | Degradability | Method |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | readily biodegradable | | 85 % | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| Cumene hydroperoxide 80-15-9 | | no data | 0 % | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| Maleic acid 110-16-7 | readily biodegradable | aerobic | 97,08 % | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| 1,4-Naphthalenedione 130-15-4 | | no data | 0 - 60 % | OECD 301 A - F |

**12.3. Bioaccumulative potential / 12.4. Mobility in soil**

**Mobility:**
Cured adhesives are immobile.

**Bioaccumulative potential:**
No data available.

| Hazardous components CAS-No. | LogKow | Bioconcentration factor (BCF) | Exposure time | Species | Temperature | Method |
|---|---|---|---|---|---|---|
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | 1,88 | | | | | |
| Cumene hydroperoxide 80-15-9 | | 9,1 | | calculation | | OECD Guideline 305 (Bioconcentration: Flow-through Fish Test) |
| Cumene hydroperoxide 80-15-9 | 2,16 | | | | | |
| Maleic acid 110-16-7 | -1,3 | | | | 20 °C | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |
| Acetic acid, 2-phenylhydrazide 114-83-0 | 0,74 | | | | | |
| 1,4-Naphthalenedione 130-15-4 | 1,71 | | | | | |

**12.5. Results of PBT and vPvB assessment**

| Hazardous components CAS-No. | PBT/vPvB |
|---|---|
| 2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Maleic acid 110-16-7 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

**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

## SECTION 14: Transport information

**14.1. UN number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.2. UN proper shipping name**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.3. Transport hazard class(es)**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.4. Packaging group**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.5. Environmental hazards**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.6. Special precautions for user**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

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

not applicable

## SECTION 15: Regulatory information

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

VOC content (1999/13/EC) < 3 %

**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:

R10 Flammable.
R21/22 Harmful in contact with skin and if swallowed.
R23 Toxic by inhalation.
R25 Toxic if swallowed.
R26 Very toxic by inhalation.
R34 Causes burns.
R36/37/38 Irritating to eyes, respiratory system and skin.
R37 Irritating to respiratory system.
R43 May cause sensitisation by skin contact.
R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R7 May cause fire.
H242 Heating may cause a fire.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
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.
H351 Suspected of causing cancer.
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.

**Further information:**

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.

**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.**