



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

Page 1 of 7

Loctite 3038 Part a

sds no. : 196346  
V003.2

Revision: 08.12.2011  
printing date: 17.04.2012

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

**Product identifier:**

Loctite 3038 Part a

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

Intended use:

Acrylics

**Details of the supplier of the safety data sheet:**

Henkel Ireland Limited  
Product Safety & Regulatory Affairs  
Tallaght Business Park, Whitestown  
Dublin 24

Ireland

Phone: +353 (14046444)

Fax-no.: +353 (14519926)

ua-productsafety.uk@uk.henkel.com

**Emergency Telephone Number:**

24 Hours Emergency Tel: +44 (0)1442 278497

### SECTION 2: Hazards identification

**Classification of the substance or mixture:**

**Classification (DPD):**

Mutagen category 3.

R68 Possible risk of irreversible effects.

Sensitizing

R43 May cause sensitisation by skin contact.

Xi - Irritant

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

**Label elements (DPD):**

Xn - Harmful

**Risk phrases:**

R43 May cause sensitisation by skin contact.  
 R68 Possible risk of irreversible effects.  
 R38 Irritating to skin.  
 R41 Risk of serious damage to eyes.

**Safety phrases:**

S7/8 Keep container tightly closed and dry.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S28 After contact with skin, wash immediately with plenty of water.  
 S46 If swallowed, seek medical advice immediately and show this container or label.  
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**Contains:**

Trimethylolpropane tris[3-(2-methylaziridinyl)propanoate]

**Other hazards:**

None if used properly.

**SECTION 3: Composition/information on ingredients****General chemical description:**

Part A of two part adhesive

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

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Trimethylolpropane tris[3-(2-methylaziridinyl)propanoate] 64265-57-2	264-763-3	>= 50- <= 100 %	Skin irritation 2; Dermal H315 Skin sensitizer 1; Dermal H317 Serious eye damage/eye irritation 1 H318 Germ cell mutagenicity 2 H341

Only dangerous ingredients for which a CLP classification is already available are displayed in this table.

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 CAS-No.	EC Number REACH-Reg No.	content	Classification
Trimethylolpropane tris[3-(2-methylaziridinyl)propanoate] 64265-57-2	264-763-3	>= 50 - <= 100 %	Xi - Irritant; R38, R41, R43 Mutagen category 3.; Xn - Harmful; R68
Lithium tri-sec-butylhydroborate 38721-52-7	254-101-1	>= 1 - < 5 %	F - Highly flammable; R11 R14/15, R19 C - Corrosive; R35

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**

**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.

**Most important symptoms and effects, both acute and delayed:**

May cause sensitization by skin contact.

**Indication of any immediate medical attention and special treatment needed:**

Wash skin with water

#### **SECTION 5: Firefighting measures**

**Extinguishing media:**

**Suitable extinguishing media:**

Carbon dioxide, foam, powder

**Extinguishing media which must not be used for safety reasons:**

Water  
water spray jet

**Special hazards arising from the substance or mixture:**

Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.  
carbon oxides.  
Toxic and irritating vapors.

**Advice for firefighters:**

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

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

**Personal precautions, protective equipment and emergency procedures:**

Avoid skin and eye contact.  
Ensure adequate ventilation.  
Remove sources of ignition.  
See advice in chapter 8

**Environmental precautions:**

Do not let product enter drains.

**Methods and material for containment and cleaning up:**

Wipe up using absorbent material.  
Store in a partly filled, closed container until disposal.  
Dispose of contaminated material as waste according to Chapter 13.

## SECTION 7: Handling and storage

### Precautions for safe handling:

- Avoid skin and eye contact.
- Do not inhale vapors and fumes.
- Avoid open flames and sources of ignition.

### 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.

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

- Store in a cool, well-ventilated place.
- Keep away from sources of ignition.

### Specific end use(s):

- Acrylics

## SECTION 8: Exposure controls/personal protection

### Control parameters:

- Valid for  
Great Britain

None

### Exposure controls:

#### Respiratory protection:

- Do not inhale vapors and fumes.
- Use only in well-ventilated areas.

#### Hand protection:

- The use of chemical resistant gloves such as Nitrile are recommended.
- Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
- 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;  $\geq 0.4$  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;  $\geq 0.4$  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.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties:

Appearance	gel-like yellowish
Odor	mild
pH	Not determined

Initial boiling point	Not determined
Flash point	> 93 °C (> 199.4 °F)
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density	1,17 g/cm <sup>3</sup>
( )	
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)	Soluble
Solidification temperature	No data available / Not applicable
Melting point	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	Not available.
Oxidising properties	No data available / Not applicable

**Other information:**

No data available / Not applicable

**SECTION 10: Stability and reactivity****Reactivity:**

Strong oxidizing agents.

**Chemical stability:**

Stable under recommended storage conditions.

**Possibility of hazardous reactions:**

See section reactivity

**Conditions to avoid:**

Stable under normal conditions of storage and use.

**Incompatible materials:**

No data available.

**Hazardous decomposition products:**

carbon oxides.  
nitrogen oxides  
Irritating organic vapours.

**SECTION 11: Toxicological information****General toxicological information:**

Possible risk of irreversible effects.

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**Oral toxicity:**

May cause irritation to the digestive tract.

**Inhalative toxicity:**

May cause irritation to respiratory system.

**Skin irritation:**

Irritating to the skin.

**Eye irritation:**

The product may cause serious eye damage.

**Sensitizing:**

May cause sensitization by skin contact.

**SECTION 12: Ecological information****General ecological information:**

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

Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**Mobility:**

Cured adhesives are immobile.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Lithium tri-sec- butylhydroborate 38721-52-7	LC50	41 mg/l	Fish	96 h	Ptychocheilus oregonensis	OECD Guideline 203 (Fish, Acute Toxicity Test)
Lithium tri-sec- butylhydroborate 38721-52-7	EC50	40,4 mg/l	Daphnia	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Lithium tri-sec- butylhydroborate 38721-52-7	Not specified	no data	0 - 60 %	

**SECTION 13: Disposal considerations****Waste treatment methods:**

Product disposal:

Dispose of in accordance with local and national regulations.

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****General information:**

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

**SECTION 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture:**

VOC content  
(2004/42/EC)

< 3 % (As defined in the Council Directive 2004/42/EC)

## 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:

- R11 Highly flammable.
- R14/15 Reacts violently with water, liberating extremely flammable gases.
- R19 May form explosive peroxides.
- R35 Causes severe burns.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.
- R68 Possible risk of irreversible effects.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H341 Suspected of causing genetic defects.

### **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.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 1999/45/EC.