



## Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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Loctite 50ML Acc 5205 ENG/GER

sds no. : 173046  
V002.1

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### 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:**

Loctite 50ML Acc 5205 ENG/GER

**Intended use:**

Anaerobic

**Company name:**

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

Ireland

Phone: +353 (14046444)

Fax-no.: +353 (14519926)

**E-mail address of person responsible for Safety Data Sheet:**

ua-productsafety.uk@uk.henkel.com

**Emergency information:**

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

### 2. Hazards identification

R36/37 Irritating to eyes and respiratory system.

R43 May cause sensitisation by skin contact.

### 3. Composition / information on ingredients

**General chemical description:**

Anaerobic Sealant

**Declaration of ingredients according to (EC) No 1907/2006:**

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Hydroxypropyl methacrylate 27813-02-1	248-666-3	1 - 5 %	Xi - Irritant; R36, R43
Cumene hydroperoxide 80-15-9	201-254-7	1 - < 3 %	T - Toxic; R23 Xn - Harmful; R21/22, R48/20/22 O - Oxidizing; R7 C - Corrosive; R34 N - Dangerous for the environment; R51, R53
Cumene 98-82-8	202-704-5	0,1 - 1 %	R10 Xn - Harmful; R65 Xi - Irritant; R37 N - Dangerous for the environment; R51, R53

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.

#### 4. 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.

#### 5. Fire fighting measures

**Suitable extinguishing media:**

Carbon dioxide, foam, powder

**Special protection equipment for firefighters:**

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

**Hazardous combustion products:**

Oxides of carbon, oxides of nitrogen, irritating organic vapors.

#### 6. Accidental release measures

**Personal precautions:**

Avoid skin and eye contact.  
Ensure adequate ventilation.

**Environmental precautions:**

Do not let product enter drains.

**Clean-up methods:**

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.

#### 7. Handling and storage

**Handling:**

Use only in well-ventilated areas.  
Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

**Storage:**

Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

**8. Exposure controls / personal protection****Components with specific control parameters for workplace:**

Valid for  
Great Britain  
Basis  
UK EH40 WELs

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

**Respiratory protection:**

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.

**Eye protection:**

Wear protective glasses.

**Skin protection:**

Wear suitable protective clothing.

**General protection and hygiene measures:**

Good industrial hygiene practices should be observed.

**9. Physical and chemical properties****General characteristics:**

Appearance liquid  
red  
Odor: Mild

**Phys./chem. properties:**

pH-value Not applicable  
Boiling point > 150 °C (> 302 °F)  
Flash point > 100 °C (> 212 °F)  
Vapor pressure < 5 mm hg  
(25 °C (77 °F))  
Density 1,1 g/cm3  
( )  
Solubility (qualitative) Slight  
(Solvent: Water)  
Evaporation rate: Not available  
Vapor density: Not available  
VOC content < 5 % (As defined in the Council Directive 2004/42/EC)  
(2004/42/EC)

## 10. Stability and reactivity

**Conditions to avoid:**

Stable

**Materials to avoid:**Reaction with strong acids.  
Reacts with strong oxidants.**Hazardous decomposition products:**Irritating organic vapours.  
carbon oxides.  
Sulphur oxides  
nitrogen oxides

## 11. Toxicological information

**Oral toxicity:**

This material is considered to have low toxicity if swallowed.

**Inhalative toxicity:**

Irritating to respiratory system

**Skin irritation:**

May cause sensitization by skin contact.

**Eye irritation:**

Irritating to eyes.

## 12. Ecological information

**Ecotoxicity:**

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

**Mobility:**

Cured adhesives are immobile.

**Persistence and Biodegradability:**

The product is not biodegradable.

**Bioaccumulative potential:**

No data available.

**Ecotoxicity:**

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Cumene hydroperoxide 80-15-9	Ide, silver or golden orfe (Leuciscus idus)	48 h	LC 50	14 mg/l
Cumene hydroperoxide 80-15-9	Water flea (Daphnia magna)	24 h	EC 50	7 mg/l
Cumene 98-82-8	Trout family (Salmonidae)	96 h	LC 50	4,8 mg/l

**General ecological information:**Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.  
Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

## 13. Disposal considerations

**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

**Waste code( ):**

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

**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.

## 14. Transport information

**General information:**

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

## 15. Regulations - classification and identification

**Indication of danger:**

Xi - Irritant



**Contains**

Hydroxypropyl methacrylate

**Risk phrases:**

R36/37 Irritating to eyes and respiratory system.

R43 May cause sensitisation by skin contact.

**Safety phrases:**

S24 Avoid contact with skin.

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 and soap.

S37 Wear suitable gloves.

S51 Use only in well-ventilated areas.

**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.

## 16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases 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.
- R34 Causes burns.
- R36 Irritating to eyes.
- 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.
- R51 Toxic to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R7 May cause fire.

### **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.