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

Loctite 572

SDS no. : 153495
V004.0
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1. Identification of the substance/preparation and of the company/undertaking

Trade name:
Loctite 572

Intended use:
Anaerobic

Company name:
Henkel AG & Co. KGaA
Henkelstr. 67
40191 Düsseldorf

Germany

Phone: +49 (211) 797-0

E-mail address of person responsible for Safety Data Sheet:
ua-productsafety.uk@uk.henkel.com

Emergency information:
24 Hours Emergency Tel: +44 (0)20 8312 0291

2. Hazards identification

Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.
R36 Irritating to eyes.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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
Octan-1-ol 111-87-5	203-917-6	10 - 20 %	Xi - Irritant; R36 N - Dangerous for the environment; R51/53
Cumene hydroperoxide 80-15-9	201-254-7	0,1 - < 1 %	O - Oxidizing; R7 T - Toxic; R23 N - Dangerous for the environment; R51, R53 Xn - Harmful; R21/22, R48/20/22 C - Corrosive; R34
Cumene 98-82-8	202-704-5	0,1 - 1 %	Xn - Harmful; R65 Xi - Irritant; R37 R10 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 8-21C (46.4-69.8F) 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	20	100	Time Weighted Average (TWA).		ECTLV
CUMENE 98-82-8	50	250	Short Term Exposure Limit (STEL):		ECTLV
CUMENE 98-82-8			Skin designation:	Can be absorbed through the skin.	ECTLV
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

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	Paste Off white
Odor:	alcohol-like

Phys./chem. properties:

pH-value ()	3 - 6
Boiling point	Not determined
Flash point	> 100 °C (> 212 °F)
Vapor pressure (68 °F (20 °C))	< 0,5 mm hg
Density ()	1,25 g/cm3
Solubility (qualitative) (Solvent: Water)	Not miscible
Evaporation rate:	Not available
VOC content (1999/13/EC)	< 5 % (As defined in the Council Directive 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.

11. Toxicological information

Oral toxicity:
This material is considered to have low toxicity if swallowed.

Inhalative toxicity:
Inhalation of vapors in high concentration may cause irritation of respiratory system

Skin irritation:
Although it is not a common sensitizer there may be a risk of sensitization on prolonged or repeated contact with damaged skin

Eye irritation:
Irritating to eyes.

12. Ecological information

Mobility:
Cured adhesives are immobile.

General ecological information:
Do not empty into drains / surface water / ground water.
May cause long-term adverse effects in the aquatic environment.
Harmful to aquatic organisms.

Other remarks:
Do not empty into drains, soil or bodies of water.

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

Risk phrases:

R36 Irritating to eyes.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S24/25 Avoid contact with skin and eyes.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicted 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.
R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R51 Toxic to aquatic organisms.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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 it's subsequent amendments, and Commission Directive 1999/45/EC.