



Technologies

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Loctite 572

MSDS-No. : 153495

V002.1

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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 Limited
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (0)1442 278000

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Emergency information:

+353-1-4599301/+353-87-2629625/+353-1-4046444

2. Composition / information on ingredients

General chemical description:

Anaerobic Sealant

Declaration of ingredients according to 91/155/EC:

Hazardous components CAS-No.	EINECS	content	Classification
Octan-1-ol 111-87-5	203-917-6	10 - 20 %	Xi - Irritant; R36
Cumene hydroperoxide 80-15-9	201-254-7	0,1 - < 1 %	O - Oxidizing; R7 T - Toxic; R23 Xn - Harmful; R21/22, R48/20/22 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

3. Hazards identification

Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.
R36 Irritating to eyes.

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

Occupational Exposure Limits

Ingredient	ppm	mg/m ³	Type	Category	Remarks
cumene 98-82-8	20	100	Time Weighted Average (TWA).		EU-2000/39/EC
	50	250	Short Term Exposure Limit (STEL):		EU-2000/39/EC
			Skin designation.	Can be absorbed through the skin.	EU-2000/39/EC
	25	125	Time Weighted Average (TWA).		EH40 WEL
	50	250	Short Term Exposure Limit (STEL):		EH40 WEL
			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.

Body protection:

Wear suitable protective clothing.

General protection and hygiene measures:

Good industrial hygiene practices should be observed

9. Physical and chemical properties

Appearance	paste off white
Odor:	alcohol-like
pH-value ()	3 - 6
Boiling point	Not determined
Flash point	> 100 °C (> 212 °F)
Vapor pressure	0,3 mbar
Density ()	1,08 g/cm ³
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:

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

Other remarks:

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

13. Disposal considerations

Product

Disposal methods:

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

Packaging

Disposal methods:

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, ADN, IMDG, IATA-DGR.

15. Regulations - classification and identification

Indication of danger:

Xi - Irritant



Risk phrases:

R36 Irritating to eyes.

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.

16. Other information

Full text of the R-phrases indicated by codes in this safety data sheet. The labeling of the product is indicated in Section 15.

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.

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.