



Material Safety Data Sheet



Revision Date: 25/02/2005
Issue date: 26/02/2005
Version: 4

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: 572
Item No. : 57242
Region: Europe
Product type: Anaerobic
Company Name & Address
Henkel Loctite Adhesives Ltd,
Watchmead,
Welwyn Garden City,
Herts. AL7 1JB, UK. : +44 1 707 358800
Fax: +44 1 707 358900
Emergency Phone No.
+353-1-4599301/+353-87-2629625/+353-1-4046444

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components CAS No.	EINECS-No.	%	Classification
Octanol 111-87-5	203-917-6	5 - 10	Xi;R36
Cumene hydroperoxide 80-15-9	201-254-7	0.1 - 1.0	C;R34 N;R51/53 O;R7 T;R23 Xn;R21/22-48/20/22

Additional Information:
For the explanation of the listed risk phrases refer to Section 16.

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

Inhalation: Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air .

Eye contact: Flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

Ingestion: Rinse mouth with water then give plenty of water to drink. Do not induce vomiting. Consult a physician.

Skin contact: Wash off with soap and plenty of water. If skin irritation persists, call a physician.

Notes to physician: Treat symptomatically as required by the condition of the patient.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Foam, dry chemical or carbon dioxide.
Special fire fighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual fire or explosion hazards:	None.
Hazardous combustion products:	Oxides of carbon. Oxides of sulphur. Oxides of nitrogen. Irritating organic vapours.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent product from entering drains or open waters.
Clean-up methods:	Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling:	Use only in well-ventilated areas. No special handling requirements. 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

Engineering controls:	Good industrial hygiene practices should be observed.
Respiratory protection:	Use in well ventilated area.
Skin 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/face protection:	Safety glasses should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	paste
Colour:	off-white
Odour:	alcoholic
pH:	3 - 6
Vapour pressure:	Less than 0.2 mm Hg
Boiling point/range:	not determined
Specific gravity:	1.08
Flash point:	Greater than 100°C (212°F)
Solubility in water:	immiscible
VOC content:	<5% (As defined in the Council Directive 1999/13/EC).

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerisation:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapours. Phenols.
Incompatibility:	copper. Iron. rust. zinc.. Aluminum.. reducing agents. heavy metal salts. Strong acids and oxidising agents.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.
Skin:	Although it is not a common sensitizer there may be a risk of sensitization on prolonged or repeated contact with damaged skin.
Eyes:	Irritating to eyes.
Ingestion:	This product is considered to be of low toxicity having an acute oral LD50 (rat) >5000mg/kg by analogy to other similar products .

12. ECOLOGICAL INFORMATION

Mobility:	Cured adhesives are immobile.
Bioaccumulation:	No data available.
Ecotoxicity:	Keep away from drains and open waters. Biological and Chemical Oxygen Demands (BOD and COD) of cured products are insignificant. In the cured state contribution of this product to Environmental Hazards is insignificant in comparison to articles in which it is used. Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.
Persistence and degradability:	Not biodegradable.
WGK Water Classification (VwVwS):	Class 1

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 .
European Waste Catalogue:	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

ICAO/IATA (Air):

Identification number:	None
Proper shipping name:	Unrestricted
Hazard class or division:	None
Packing group:	None

IMO/IMDG (Sea)

Identification number: None
Proper shipping name: Unrestricted
Hazard class or division: None
Packing group: None
Marine pollutant: None

ADR/RID (Road/Rail)

UN Number: None
Proper shipping name: Unrestricted
Hazard class or division: None
Packing group: None
Classification Code: None

15. REGULATORY INFORMATION

Indication of danger: Xi - Irritant.



Risk Phrases:
Safety Phrases:

R36 - Irritating to eyes.
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.

Additional Labelling: None

16. OTHER INFORMATION

Prepared by: Dr Paul Friery PSRA Specialist, Product Safety & Regulatory Affairs - Europe

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither Loctite nor its subsidiary companies accept any liability arising out of the use of the information provided here or the use, application or processing of the product(s) described herein. Attention of users is drawn to the possible hazards from improper use of the product(s). This safety data sheet was prepared in accordance with Commission Directive 2001/59/EC adapting to technical progress for the 28th time Council Directive 67/548/EEC, and Commission Directive 1999/45/EC.

Explanation of Section 2 R - Phrases

R 7 - May cause fire.
R23 - Toxic by inhalation.
R34 - Causes burns.
R36 - Irritating to eyes.
R21/22 - Harmful in contact with skin and if swallowed.
R48/20/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.