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Material Safety Data Sheet

Infosafe No. 1LO18 Issue Date: July 2001 ISSUED by LOCTITE
Product Name: LOCTITE 567 THREAD SEALANT

Classified as hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name

LOCTITE 567 THREAD SEALANT

Product Use

LOCK AND SEAL THREADED PIPE FITTINGS. GASKETING COMPOUND.

Company Name

HENKEL AUSTRALIA PTY LTD (ABN 82 001 302 996)

Address

1 Clyde Street Silverwater
NSW 2128 Australia

Emergency Tel.

See CONTACT POINT

Telephone/Telex

Number

Tel: 1300 885 556 Fax: (02) 9525 5643

Other Names

<u>Name</u>	<u>Mancode</u>
LOCTITE 567 THREAD SEALANT	56741
LOCTITE 567 THREAD SEALANT	56790
LOCTITE 567 THREAD SEALANT	56707
LOCTITE 567 THREAD SEALANT	56747
LOCTITE 567 THREAD SEALANT	34111
LOCTITE AUTOMOTIVE PIPE THREAD SEALANT with Teflon	33540

Other Information

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition

Other ingredients not classified as hazardous to 100%.

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Cumene hydroperoxide	80-15-9	1-3 %
	EPOXY RESIN	25068-38-6	1-3 %
	N,N-DIALKYL TOLUIDINES	148-9	0-1 %

3. HAZARDS IDENTIFICATION

Irritating to eyes and respiratory system.
May cause sensitization by skin contact.

4. FIRST AID MEASURES

Inhalation

Recovery should be rapid after removal from exposure. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Ingestion

Rinse mouth thoroughly with water immediately. Do not induce vomiting. Seek medical advice if effects persist.
Product is essentially NON TOXIC by ingestion.
Refer to TOXICITY DATA SECTION.

Skin

First rinse with plenty of water, then remove contaminated clothes, rinse again, Wash with plenty of soap and water. Seek medical advice if effects persist.

Eye

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
Refer to TOXICITY DATA SECTION.

First Aid

Facilities

Eyewash station and normal washroom facilities must be provided, and a safety shower is strongly recommended.

Advice to Doctor

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Treat symptomatically.
Refer to TOXICITY DATA SECTION.
Contact LOCTITE AUSTRALIA PTY. LTD.

5. FIRE FIGHTING MEASURES

Specific Hazards

No unusual fire or explosion hazards. Extinguish fire with the following: CO₂, FOAM or DRY CHEMICAL. Irritating ORGANIC and INORGANIC VAPOURS produced by fire or thermal decomposition.

Decomposition

Temp.

Not known

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Wear protective clothing. Wipe up residue with a cloth.
In event of large spill: Use absorbent (soil or sand, sawdust, inert material, vermiculite). Wash area down with detergent and excess water. Dispose in accordance with local, state or territory regulations.

7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits

No exposure standard has been established for this product; but a standard does exist for the following ingredient/s:

SUBSTANCE	TWA		STEL	
Silica, Amorphous	- ppm	10 mg/m ³	- ppm	- mg/m ³
Titanium Dioxide	-	10	-	-

Refer to TOXICITY DATA SECTION.

Personal Protective Equipment

Wearing of the following personal protective equipment is recommended. Safety glasses. PVC or rubber gloves.

Respiratory Protection: It is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used in dusty or confined conditions, or if cured product is being machined or ground, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.

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Eng. Controls

Use in a well ventilated area only. Avoid generating and inhaling dusts. Local exhaust ventilation system may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

ANAEROBIC PASTE, COLOUR WHITE, MILD ODOUR.

Decomposition**Temperature**

Not known

Melting Point

Not known

Boiling Point

149°C

Solubility in**Water**

Slight

Specific Gravity

(H₂O=1)

(@ 25°C): 1.14 (approx)

pH Value

Not known

Vapour Pressure

5 mm of Hg at 25°C

Vapour Density

(Air=1)

Not known

Volatile Component

8.6% (EPA Method 24)

Flash Point

100°C (TCC)

Flammability

Will burn if involved in a fire but not considered to be a significant fire risk.

Ignition**Temperature**

Not known

Flammable Limits**LEL**

Not known

Explosion

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Properties

Not known

Molecular Weight

Not known

Other Information

PASTE.

10. STABILITY AND REACTIVITY

Hazardous Reaction

VERY STRONG OXIDISERS e.g. HIGH PRESSURE OXYGEN MAY CAUSE SPONTANEOUS COMBUSTION. DESTABILIZED AND SOLIDIFIED BY REDUCING AGENTS.

11. TOXICOLOGICAL INFORMATION

**Toxicology
Information**

In a single test, pure Cumene Hydroperoxide caused tumors in one of thirty experimental animals when injected under the skin.

Inhalation of pure Silicon Dioxide dust has been shown to cause pulmonary effects.

In light of the low concentration of these components in the product, it is our best technical judgement that if all exposure standards are observed, and material is handled in accordance with this data sheet and manufacturers instructions, use of this product presents no adverse health hazard. LD50 oral >5,000 mg/kg. LD50 dermal >2,000 mg/kg.

Inhalation

Product is classified as a respiratory irritant. The product is essentially NON VOLATILE, some ventilation may be advisable to remove any traces of odour.

Ingestion

Practically non-harmful.

Skin

May cause sensitisation by skin contact. Contact with skin may result in irritation.

Eye

Product is an eye irritant.

Chronic Effects

Repeated or prolonged skin contact can cause chronic dermatitis. Repeated or prolonged skin contact can cause sensitisation.

12. ECOLOGICAL INFORMATION

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**Environ.
Protection**

Not applicable.

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

**Proper Shipping
Name**

None Allocated

DG Class

None Allocated

Hazchem Code

None Allocated

Packing Group

None Allocated

**Storage and
Transport**

No special precautions required.

STORE IN ORIGINAL CONTAINERS OR APPROVED APPLICATORS BELOW 28°C FOR MAXIMUM SHELF LIFE.

Transport: Unrestricted. Product is not classified as dangerous for transportation in accordance with the Australian Dangerous Goods Code.

Transport in original containers.

15. REGULATORY INFORMATION

Risk Phrase

R36/37 Irritating to eyes and respiratory system.

R43 May cause sensitization by skin contact.

Safety Phrase

S2 Keep out of reach of children.

S22 Do not breathe dust.

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 soap and water.

S37/39 Wear suitable gloves and eye/face protection.

Poisons Schedule

Not Scheduled

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Hazard Category

Irritant

16. OTHER INFORMATION

Contact

Person/Point

Technical Services Manager: Gerard Buys 1300 885 556 / 0411 669 002

...End Of MSDS...