

R
Phrase

Acrylic Acid	79-10-7	1-5 %
Cumene hydroperoxide	80-15-9	1-3 %
Ingredients determined not to be hazardous	Not required	Balance to 100%

3. HAZARDS IDENTIFICATION

Irritating to respiratory system and skin.
Risk of serious damage to eyes.

4. FIRST AID MEASURES

Inhalation

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

Ingestion

Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.

Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye

If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.

First Aid**Facilities**

Eyewash station and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing**Media**

Use carbon dioxide, dry chemical or foam.

Hazardous**Combustion****Products**

Under fire conditions this product may emit toxic and/or irritating fumes

including oxides of carbon, nitrogen and sulphur.

Precautions in connection with

Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Remove all sources of heat. Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient respiratory protection and full protective clothing to minimise skin and eye exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Wash surfaces well, with soap and water. Seal all wastes in vapour tight labelled plastic containers for eventual disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Handling

Avoid generating dust. Use smallest possible amounts in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.

Storage

Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from bases, water and other incompatible materials. Have appropriate fire extinguishers available in and near the storage area.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits

No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC). However, the exposure standard for dust not otherwise specified is 10 mg/m³ (for inspirable dust) and 3 mg/m³ (for respirable dust).

Respiratory Protection

Product Name : LOCTITE 548 FLANGE SEALANT STICK

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection

Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

Eng. Controls

Provide ventilation as required to maintain airborne concentration levels below the exposure standard. Beware of dust explosions - do not allow dust to accumulate in ventilation system.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Orange solid.

Odour

Sharp odour.

Melting Point

Not available.

Boiling Point

Not applicable.

**Solubility in
Water**

Insoluble.

**Specific Gravity
(H₂O=1)**

1.1274

Product Name : LOCTITE 548 FLANGE SEALANT STICK

pH Value

Not applicable.

Vapour Pressure

Not available.

Vapour Density

(Air=1)

Not available.

Flash Point

Not a flammable solid.

Ignition**Temperature**

Not available.

Flammable Limits**LEL**

Not available.

Flammable Limits**UEL**

Not available.

10. STABILITY AND REACTIVITY

Stability

Stable under normal use conditons.

Hazardous**Polymerization**

Will not occur.

Materials to Avoid

Strong oxidisers, reducing agents, acids, alkalis and other polymer initiators.

Hazardous**Decomposition****Products**

Oxides of carbon, sulphur, nitrogen, toxic fumes and irritating organic vapours.

Hazardous Reaction

Reacts with incompatibles.

Conditions to**Avoid**

Heat, direct sunlight, open flames or other sources of ignition and all incompatibles.

11. TOXICOLOGICAL INFORMATION

Toxicology

Product Name : LOCTITE 548 FLANGE SEALANT STICK

Information

No toxicology data available for this product.

Inhalation

Irritating to respiratory system. Inhalation of product vapours will cause irritation of the nose, throat and respiratory system.

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin

May cause redness, itching and irritation.

Eye

Risk of serious damage to eyes. Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

Chronic Effects

Prolonged contact with skin, may cause sensitisation or dermatitis in sensitive individuals.

12. ECOLOGICAL INFORMATION

Environ.**Protection**

Do not allow product to enter drains, waterways or sewers.

Mobility

Cured adhesives are immoblie.

Persistence /**Degradability**

Not available.

Ecotoxicity

Not available.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA and state regulations.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number

None Allocated

Proper Shipping

Product Name : LOCTITE 548 FLANGE SEALANT STICK

Name

None Allocated

DG Class

None Allocated

Hazchem Code

None Allocated

Packing Group

None Allocated

15. REGULATORY INFORMATION

Risk Phrase

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

Safety Phrase

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell seek medical advice immediately

S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

Poisons Schedule

Not Scheduled

Hazard Category

Irritant

16. OTHER INFORMATION

Contact**Person/Point**

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

SDS History

MSDS created: May 2005.

...End Of MSDS...