

MOLYTEC AUSTRALIA, Unit 1, 9 Steel St, Capalaba, QLD Australia, 4157	
Tel. for Information: (07) 3245 2355 Last Updated: February 2011	Fax for Information: (07) 3245 2499 Page 1 of 2
Material Safety Data Sheet	ULTRALOC 3277 anaerobic

Classified as hazardous according to criteria of NOHSC.

1. Chemical Product / Company Identification

Product Name: **ULTRALOC 3277 Thread Locker**
Product Type: Anaerobic Sealant
Product Size: 10mL P/No. 327710, 50mL P/No. 327750, 250mL P/No 327725
Company Details: Molytec Australia P/L 1/9 Steel St Capalaba QLD Australia 4157
Phone: 07 3245 2355 Fax: 07 3245 2499

2. Composition and Information on Harmful Ingredients

Hazardous components	CAS No.	ACGIH	TLV	OSHA PEL
Polyglycol dimethacrylate	24448-20-2	60-100	None	None
Saccharin	81-07-2	1-5	None	None
Silica, amorphous, fumed, crystalline-free	112945-52-5	1-5	6mg/m ₃ TWA	10mg/m ₃ TWA
Cumene hydroperoxide	80-15-9	1-5	None	None
Bysphenol A Fumarate Resin	39382-25-7	10-30	None	None

3. Hazards Identification

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause allergic skin reaction. May cause skin irritation.
Eye contact: Contact with eyes will cause irritation.
Ingestion: Not expected to be harmful by ingestion.

HMIS:

Health: 1 FLAMMABILITY: 1 REACTIVITY: 1 PPE: H

WARNING: CAUSES EYE IRRITATION.

MAY CAUSE SKIN IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

4. First Aid Measures

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms develop and persists, get medical attention.
Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Eye contact: Flush with copious amounts of water, preferably lukewarm water, for at least 15 minutes, holding eyelids open all the time. Get medical attention.

5. Fire Fighting Measures

Flash Point: Greater than 93°C (200°F) Cleveland closed cup
Autoignition temperature: Not available.
Flammable/Explosive limits –lower%: 2.6% (propylene glycol)
Flammable/Explosive limits –upper%: 12.5% (propylene glycol)
Extinguishing media: Foam, dry chemical or carbon dioxide.
Special fire fighting procedures: None
Unusual fire or explosion hazards: None
Hazardous combustion products: Oxides of carbon. Oxides of sulfur. 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 partly filled, closed container until disposal.

7. Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapour and mist. Wash thoroughly after handling.
Storage: For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Incompatible products: Refer to Section 11.

8. Exposure Control and Personal Protection (See Section 3 for exposure limits.)

Engineering controls: No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.
Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.
Eye/face protection: Safety goggles or safety glasses with side shields.

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9. Physical and Chemical Properties

Appearance & Odour:	Red Liquid, Mild odour
Vapour pressure:	Less than 5 mm Hg at 27°C (80°F)
pH:	Not applicable
Boiling point/range:	Greater than 149°C (300°F)
Melting point/range:	Not available
Specific gravity:	1.1 at 23.9°C (75°F)
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Slight
VOC content:	4.39%; 48.6 grams/litre (EPA Method 24)

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.
Incompatibility:	Strong oxidizers. Free radical initiators. Strong reducing agents. Alkalis. Oxygen scavengers. Other polymerisation initiators. Copper. Iron. Zinc. Aluminium. Rust.

Conditions to avoid: See "Handling and Storage" (Section 8) and "Incompatibility" (Section 11).

11. Toxicological Information

Toxicity data: Acute oral LD50 greater than 10,000 mg/kg (rat). Acute dermal LD50 greater than 5000 mg/kg (rabbit).

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyglycol dimethacrylate	No	No	No
Polyglycol oleate	No	No	No
Saccharin	No	No	No
Sillica, amorphous, fumed, crystalline-free	No	No	No
Cumene hydroperoxide	No	No	No
Propylene glycol	No	No	No

12. Ecological Information

Ecological Information: Not Available

13. Disposal Considerations

Recommended method of disposal:	Dispose of according to Federal, State and local government regulations.
EPA hazardous waste number:	Not a RCRA hazardous waste.

14. Transport Information

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

15. Regulatory Information

None Available

16. Other Information

Users should verify the currency of this data sheet if more than 5 years old. The information contained in this material safety data sheet is believed to be accurate on the date of issue and in accordance with the information available to us. Persons dealing with products referred to in this MSDS do so at their own risk. We accept no liability whatsoever for damage or injury however caused arising from use of this information or of suggestions contained herein.

POLICE AND FIRE BRIGADE:

DIAL 000

For further safety information contact Denis Brown at MOLYTEC AUSTRALIA on:

Tel: (07) 3245 2355 Fax: (07) 3245 2499
P.O. Box 5357, Alexandra Hills, QLD, Australia, 4161

Disclaimer

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