

<b>MOLYTEC AUSTRALIA, Unit 1, 9 Steel St, Capalaba, QLD Australia, 4157</b>	
Tel. for Information: (07) 3245 2355 Last Updated: February 2011	Fax for Information: (07) 3245 2499 Page 1 of 2
<b>Material Safety Data Sheet</b>	<b>ULTRALOC 3271 anaerobic</b>

**Classified as hazardous according to criteria of NOHSC.**

**1. Chemical Product / Company Identification**

Product Name: **ULTRALOC 3271 Thread Locker**  
Product Type: Anaerobic Sealant  
Product Size: 10mL P/No. 327110, 50mL P/No. 327150, 250mL P/No 327125  
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 <sub>3</sub> TWA	10mg/m <sub>3</sub> TWA
Cumene hydroperoxide	80-15-9	1-5	None	None
Propylene glycol	55-57-6	1-5	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

The information contained within this MSDS applies only to the ULTRALOC product to which the sheet relates. The information provided is based on our best knowledge at the time of issue. The information contained within this MSDS is believed to be accurate and is given in good faith. However no warranty is made, either express or implied, regarding its accuracy or any liability arising out of the use of the information herein or the products supplied. When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classification of the hazards have changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purposes other than that for which it was recommended. In such cases a reassessment may be necessary and should be made by the user. This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work. It is the responsibility of the handlers to pass on the totality of the information contained within this document to any subsequent person(s) who will come in to contact with, handle or use this product in any way. They should check the adequacy of the information provided within this MSDS before passing it on to their customers / staff.

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