

REC'D OCT 14 1999

MATERIAL SAFETY DATA SHEET

6103  
SLT00037  
SLT00038  
SLT00041

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 277 Threadlocker High Strength  
Item No.: 21434/27731/27741  
Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	50-55
Bisphenol A fumarate resin	39382-25-7	40-45
CUMENE HYDROPEROXIDE*	80-15-9	1-3
SACCHARIN	81-07-2	1-3
N,N-Dialkyltoluidines	613-48-9	0.1-1

\* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: Possible eye irritant.  
Estimated oral LD50 more than 5000 mg/kg.  
Estimated dermal LD50 more than 2000 mg/kg.

Primary Routes of Entry: None known

Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.

Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Bisphenol A fumarate resin	ALG IRR	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
SACCHARIN	NTO	YES	2B	NO
N,N-Dialkyltoluidines	NTO	NO	NO	NO

Abbreviations

2B Possibly carcinogenic to humans  
 CNS Central nervous system  
 IRR Irritant  
 NTO No Target Organs  
 ALG Allergen  
 COR Corrosive  
 MUT Mutagen

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Does not apply

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup

Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical

Special Firefighting Procedures: Not available

Hazardous Products formed by Fire or Thermal Decomp: Irritating organic vapors

Unusual Fire or Explosion Hazards: None

Explosive Limits:  
 (% by volume in air) Lower Not available  
 (% by volume in air) Upper Not available

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Steps to be taken in case of spill or leak: Soak up with an inert absorbent. Store in partly filled, closed container until disposal.

7. HANDLING AND STORAGESafe Storage: Store below 100°F  
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)  
Handling: Avoid prolonged skin contact. Keep away from eyes.8. EXPOSURE CONTROLS, PERSONAL PROTECTIONEyes: Safety glasses or goggles.  
Skin: Neoprene, rubber, or butyl rubber gloves.  
Ventilation: Does not apply  
Respiratory: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIESAppearance: Red liquid  
Odor: Mild  
Boiling Point: More than 300°F  
pH: Does not apply  
Solubility in Water: Slight  
Specific Gravity: 1.10 at 80°F  
Volatile Organic Compound (EPA Method 24): 10.0%; 110 g/l  
Vapor Pressure: Less than 5mm at 80°F  
Vapor Density: Not available  
Evaporation Rate (Ether = 1): Not available10. STABILITY AND REACTIVITYStability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: None  
Conditions to Avoid: Not available  
Hazardous Decomposition Products (non-thermal): None11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONSRecommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material14. TRANSPORTATION INFORMATIONDOT (49 CFR 172)  
Domestic Ground Transport  
Proper Shipping Name: Unrestricted  
Hazard Class or Division: Unrestricted  
Identification Number: None  
Marine Pollutant: None  
IATA  
Proper Shipping Name: Unrestricted  
Class or Division: Unrestricted  
UN or ID Number: None15. REGULATORY INFORMATION

CA Proposition 65: This product contains Saccharin. No prop65 hazard warning is necessary if this product is used as reasonably anticipated.

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16. OTHER INFORMATION

Estimated NFPA(R) Code:  
Health Hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 1  
Flammability Hazard: 1  
Reactivity Hazards: 1  
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.  
HMIS is a registered trademark of the National Paint and Coatings Assn.

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