

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **THREADLOCKER 242 Removable**  
 Item No.: 242  
 Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	60-65
Polyglycol oleate	9004-96-0	25-30
SACCHARIN	81-07-2	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
METHYL ALCOHOL*	67-56-1	1-3
SILICA, AMORPHOUS TREATED	112945-52-5	1-3
N,N-Dialkyltoluidines	613-48-9	0.1-1
TITANIUM DIOXIDE	13463-67-7	0.1-0.5

\* 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
METHYL ALCOHOL	200ppm TWA skin	200ppm TWA skin	None
SILICA, AMORPHOUS TREATED	262 mg/m <sup>3</sup> skin 10 mg/m <sup>3</sup> TWA	262 mg/m <sup>3</sup> skin 6 mg/m <sup>3</sup> TWA	3 mg/m <sup>3</sup> TWA resp. dust
TITANIUM DIOXIDE	10 mg/m <sup>3</sup> dust	15 mg/m <sup>3</sup> dust 5 mg/m <sup>3</sup> resp	None

  

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
METHYL ALCOHOL	250 ppm skin 328 mg/m <sup>3</sup> skin	250 ppm skin 325 mg/m <sup>3</sup> skin

3. HAZARDS IDENTIFICATION

Toxicity: Mild eye irritant  
 Oral LD50 more than 10000 mg/kg.  
 Dermal LD50 more than 5000 mg/kg.

Primary Routes of Entry: Eye, skin contact.

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
Polyglycol oleate	IRR	NO	NO	NO
SACCHARIN	No Data	YES	2B	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
METHYL ALCOHOL	EYE IRR MET NER	NO	NO	NO
SILICA, AMORPHOUS TREATED	NUI	NO	N/A	NO
N,N-Dialkyltoluidines	No Data	NO	NO	NO
TITANIUM DIOXIDE	IRR NUI	NO	NO	NO

Abbreviations

N/A Not Applicable	2B Possibly carcinogenic to humans
ALG Allergen	CNS Central nervous system
COR Corrosive	EYE Eyes
IRR Irritant	MET Metabolic
MUT Mutagen	NER Nervous System
NUI Nuisance dust	

4. FIRST AID MEASURES

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

Inhalation: Does not apply

Skin Contact: Wash thoroughly with soap and water

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

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5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup  
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical  
 Hazardous Products formed by Fire or Thermal Decomp: Irritating organic vapors; oxides of carbon.  
 Unusual Fire or Explosion Hazards: None  
 Explosive Limits:  
 (% by volume in air) Lower Not available  
 (% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Safe 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 PROTECTION

Eyes: Safety glasses or goggles.  
 Skin: Neoprene, rubber, or butyl rubber gloves.  
 Ventilation: Does not apply  
 See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid  
 Odor: Mild  
 Boiling Point: More than 300°F  
 pH: Does not apply  
 Solubility in Water: Slight  
 Specific Gravity: 1.1 at 75°F  
 Volatile Organic Compound (EPA Method 24) 13.3%; 146 grams per liter  
 Vapor Pressure: Less than 5mm at 80°F  
 Vapor Density: Not available  
 Evaporation Rate (Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable  
 Hazardous Polymerization: Will not occur  
 Incompatibility: None  
 Hazardous Decomposition Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
 EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORT INFORMATION

DOT (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

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Product Name: THREADLOCKER 242 Removable  
Item No.: 24214. TRANSPORT INFORMATION

(continued)

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.

16. OTHER INFORMATIONEstimated NFPA(R) Code:  
Health Hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not applyEstimated 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.Prepared By: Stephen Repetto  
Title: Research Chemist, Environmental Health & Safety  
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067  
(24hr.) Phone: (860) 571-5100  
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