

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Removable Threadlocker 242 Medium Strength Blue  
 Item No.: 24240  
 Part No.: 24240  
 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
Propylene glycol	57-55-6	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	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
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust
TITANIUM DIOXIDE	10 mg/m3 dust	15 mg/m3 dust 5 mg/m3 resp	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: Mild eye irritant. Propylene glycol is a mild skin irritant.  
 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: Propylene glycol: dermatitis

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
Propylene glycol	IRR	NO	NO	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	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  
 ALG Allergen  
 COR Corrosive  
 MUT Mutagen  
 2B Possibly carcinogenic to humans  
 CNS Central nervous system  
 IRR Irritant  
 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 Propylene glycol: 2.6%  
(% by volume in air) Upper Propylene glycol: 12.5%

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: Strong oxidizers, free radical initiators, inert gases.  
Hazardous Decomposition Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

Oral LD50 more than 10000 mg/kg.  
Dermal LD50 more than 5000 mg/kg.

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

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Product Name: Removable Threadlocker 242 Medium Strength Blue  
Item No.: 2424014. TRANSPORT INFORMATION ----- (continued)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.

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, Health and Safety  
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067  
(24hr.) Phone: (860) 571-5100  
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