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**FOR CHEMICAL EMERGENCY ONLY:** **US & CANADA:** (800) 424-9300 **Int'l & Wash. DC:** (703) 527-3887

**1. PRODUCT**

**IDENTIFICATION:**

**Product ID** N24206, N24250 - Removable Threadlocker

**2. COMPOSITION/INGREDIENTS:**

CHEMICAL NAME	CAS #	OSHA PEL	ACGIH TLV	Other Limits	Wt. %
Methacrylate monomer	25852-47-5	NE	NE	NE	60-65
Polyglycol oleate	9004-96-0				25-30
Saccharin	81-07-2				3-5
Silicon Dioxide	112945-52-5	6mg/m <sup>3</sup>	10mg/m <sup>3</sup>	3mg/m <sup>3</sup>	1-3
Cumene Hydroperoxide	80-15-9			1ppm (STEL) skin	1-3

**3. HAZARDS IDENTIFICATION:**

**Emergency Overview**

	HMIS	NFPA	
Health	1	1	Blue opaque liquid. Irritating to skin. Allergic reactions are possible. May cause respiratory tract irritation.
Flammability	1	1	
Reactivity	1	1	
Physical Hazard	B		

<b>Toxicity</b>	May cause eye and skin irritation with direct contact.			
<b>Primary routes of entry</b>	<b>Inhalation</b>	<b>Skin</b>	<b>Eyes</b>	<b>Ingestion</b>
		X		X
<b>Signs/Symptoms of Exposure</b>	<b>Inhalation</b>	Coughing, mucous production, shortness of breath.		
	<b>Skin</b>	Possible redness, irritation; possible dermatitis with prolonged ore repeated contact.		
	<b>Eyes</b>	Excessive tearing, redness and blinking.		
	<b>Ingestion</b>	Irritation of gastrointestinal tract, CNS depression, loss of consciousness.		

**4. FIRST AID MEASURES:**

<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Skin</b>	Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.
<b>Eyes</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show container label.

**5. FIRE FIGHTING MEASURES: FLASH POINT (PMCC): >200 °F/ >93 °C LEL: UEL:**

<b>Extinguishing Media</b>	Use alcohol foam, carbon dioxide, or water spray when fighting fires.
<b>Special Fire Fighting Procedures</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
<b>Hazardous Products of Combustion</b>	Carbon dioxide, carbon monoxide and other toxic or irritating compounds may evolve when exposed to heat or open flames.
<b>Unusual Fire/Explosion Hazards</b>	None known.

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**6. ACCIDENTAL RELEASE MEASURES:**

<b>Spill Procedures</b>	Dike area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material. Dispose of as a chemical waste.
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**7. HANDLING AND STORAGE:**

<b>Handling</b>	Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
<b>Storage</b>	Store in a cool place in original container and protect from sunlight. Keep away from heat and sources of ignition. This material contains inhibitors, which upon depletion can result in an excessive thermal reaction.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION:**

<b>EYES</b>	<b>SKIN</b>	<b>VENTILATION</b>	<b>OTHER</b>
Safety glasses or goggles.	Vinyl or rubber gloves.	Use in well-ventilated area.	Facilities storing or utilizing this material should have an eyewash station.

**9. PHYSICAL & CHEMICAL PROPERTIES:**

<b>Appearance:</b> Blue opaque liquid	<b>Odor:</b> Cumene odor, mild	<b>Boiling Point:</b> >300 F / >149 C
<b>Specific Gravity (H<sub>2</sub>O=1):</b> 1.09	<b>Solubility in Water:</b> low	<b>Melting Point:</b> N/A
<b>Vapor Density (Air=1):</b> NE	<b>Vapor Pressure (mm Hg):</b> <5 @ 80F/27C	<b>Evaporation Rate (Butyl acetate=1):</b> N/A
<b>Volatile Organic Compounds-VOC (less exempt):</b> 12% (146 g/L)		

**10. STABILITY & REACTIVITY:**

<b>Stable:</b> <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<b>Hazardous Polymerization:</b> <input type="checkbox"/> may occur <input checked="" type="checkbox"/> may not occur
<b>Incompatible materials:</b>	Strong acids and alkalis, reactive metals and strong oxidizing agents.
<b>Conditions to avoid:</b>	Avoid temperatures over 100F/ 38C, and incompatible materials.
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide and other toxic or irritating compounds.

**11. TOXICOLOGICAL INFORMATION:**

Moderately irritating to eyes and skin with direct contact. Oral LD50 = >10000 mg/kg. Dermal LD50 = >5000 mg/kg.

<u>Ingredient</u>	<u>Target organ, health effects</u>
Methacrylate monomer	Allergen, irritant
Polyglycol oleate	Irritant
Saccharin	No target organ
Silicon Dioxide	Nuisance dust
Cumene Hydroperoxide	Central nervous system. Allergen. Corrosive. Irritant. Mutagen.

**12. ECOLOGICAL INFORMATION:**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**13. DISPOSAL CONSIDERATIONS:**

Dispose of as chemical waste in a manner consistent with federal, state and local regulations. Incinerate according to EPA and local governmental regulations. Not a RCRA Hazardous Waste.

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**14. SHIPPING:**

<b>DOT</b>	Not restricted.
<b>IATA</b>	Not restricted.
<b>IMDG</b>	Not restricted.

**15. REGULATORY INFORMATION:**

<b>TSCA Status:</b> All ingredients in this product are listed, or are exempt, for the TSCA Inventory list.
<b>California Proposition 65:</b> No California Proposition 65 chemicals are known to be present, or are intentionally added in the manufacture of this product.
<b>Other:</b> SARA Section 313 Toxic Chemical: Cumene hydroperoxide, CAS 80-15-9, 1-3%.

**16. OTHER INFORMATION:**

**Abbreviations used in this document:**

**NA** = not applicable  
**NE** = not established

**Preparation date:** 1/09/14  
**Revision number:** 11  
**Prepared by:** Mary Robles, Regulatory Affairs Manager

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