

Permatex, Inc.  
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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** LOW STRENGTH THREADLOCKER PURPLE 50 ML  
**Item No:** 22250  
**Product Type:** Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
METHACRYLATE MONOMER 25852-47-5	50-60	Not Listed	Not Listed
POLYETHYLENE GLYCOL ESTER 18268-70-7	30-40	Not Listed	Not Listed
SACCHARIN 81-07-2	1-10	10mg/m <sup>3</sup> nuisance dust	Not Listed
TREATED SILICON DIOXIDE, SYNTHETIC, CRYSTALLINE-FREE 67762-90-7	1-10	Not Listed	10 mg/m <sup>3</sup> total dust
-DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	1-10	Not Listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** Note: This product does not contain microcrystalline silica. May cause eye and skin irritation. At elevated temperatures may cause irritation of the respiratory tract. Irritates mucous membranes. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. High concentrations may cause central nervous system (CNS) depression. May cause skin sensitization.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.  
**Signs and Symptoms of Exposure:** Repeated skin contact may cause allergic skin reactions. Overexposure may cause eye and skin redness. Inhalation overexposure may cause irritation, coughing and flu-like symptoms. Ingestion may cause nausea and vomiting.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
SACCHARIN 81-07-2	1-10	Delisted April 2000		Group 3: Vol 73, Page 517: 1999

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting skin disorders.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.  
**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** More than 160 degrees C. Method: PMCC  
**Recommended Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Irritating vapors. Oxides of carbon.  
**Unusual Fire/Explosion Hazards:** Closed containers may rupture or explode when exposed to extreme heat.

**Lower Explosive Limit:** Not determined  
**Upper Explosive Limit:** Not determined

## **6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

## **7. HANDLING AND STORAGE**

**Storage:** Store below 100 degrees F.  
**Handling:** Avoid prolonged skin contact. Keep away from eyes.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses.  
**Skin:** Rubber or plastic gloves  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.  
**Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits..

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Purple liquid  
**Odor:** MILD  
**Boiling Point (°F):** More than 200 degrees C.  
**pH:** Does not apply  
**Solubility in Water:** Insoluble  
**Specific Gravity:** >1.0  
**VOC Content(Wt.%):** Not determined  
**Vapor Pressure:** Not determined  
**Vapor Density (Air=1):** Heavier than air  
**Evaporation Rate:** Not determined

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** WILL NOT OCCUR  
**Incompatibilities:** Strong oxidizers. Avoid exposure to steel or rust.  
**Conditions to Avoid:** Heat  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Irritating vapors. Oxides of carbon.

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

### **Domestic Ground Transport**

**DOT Shipping Name:** Unrestricted  
**Hazard Class:** NONE  
**UN/ID Number:** None  
**Marine Pollutant:** None

**IATA**

**Product name:** LOW STRENGTH THREADLOCKER  
PURPLE 50 ML

**Item** 22250

**Proper Shipping Name:** not regulated  
**Class or Division:** None  
**UN/NA Number:** None

**IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None  
**UN Number:** None

**15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

**SARA 313 Information**

DIMETHYLBENZYL HYDROPEROXIDE

**CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:**

**Listed on Inventory:** YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

**16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 1

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0

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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