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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**Product Name:** HIGH STRENGTH THREADLOCKER RED 250ML  
**Item No:** 27125  
**Product Type:** Anaerobic

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLYGLYCOL DIMETHACRYLATE 25852-47-5	>60	not available	not available	
POLYESTER RESIN MIXTURE	20-40	not available	not available	
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	382 mg/kg	200 ppm/4H	

### III. PHYSICAL DATA

**Physical State/Appearance:** Red liquid  
**Odour & Odour Threshold:** Sharp, irritating  
**Specific Gravity:** 1.05-1.15  
**Evaporation Rate:** Not determined  
**Vapour Pressure:** Not determined  
**Vapour Density:** Heavier than air  
**Freezing Point:** Not determined  
**pH:** Does not apply  
**Octanol/Water Coefficient:** Not determined  
**Boiling Point:** >150°C

### IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.  
**Hazardous Combustion Products:** Oxides of carbon, Irritating organic vapours.  
**Sensitivity to Static Discharge:** Sensitivity to static discharge is not expected.  
**Conditions of Flammability:** None anticipated.  
**Flash Point/Range:** >95°C COC  
**Autoignition Temperature:** Not determined  
**Upper Explosive Limit:** Not determined  
**Lower Explosive Limit:** Not determined

### V. REACTIVITY DATA

**Conditions Causing Chemical Instability:** None  
**Materials to avoid:** Strong oxidizers, free radical initiators, inert gases, Peroxides, Reducing agents  
**Conditions of Reactivity:** High temperatures  
**Hazardous Decomposition Products:** Carbon oxides

### VI. HAZARDS IDENTIFICATION

**Primary Routes of Exposure:** Eye and skin contact, ingestion, inhalation  
**Existing Conditions Aggravated by Exposure:** May aggravate preexisting dermatitis  
**Toxicity Information:** (See Effects of Acute Exposure to Product)  
**Effects of Acute Exposure:** At elevated temperatures, may cause irritation of the eyes and respiratory tract . May cause eye and skin irritation. May cause skin irritation in sensitive individuals. .  
**Effects of Chronic Exposure:** May cause an allergic skin reaction.

## **VI. HAZARDS IDENTIFICATION**

**Irritancy of Product:** Overexposure may cause eye and skin redness.  
**Sensitization to Product:** (See Effects of Acute Exposure to Product)  
**Carcinogenicity:** (See Effects of Chronic Exposure to Product)  
**Reproductive Toxicity:** (See Effects of Chronic Exposure to Product)  
**Teratogenicity:** (See Effects of Chronic Exposure to Product)  
**Mutagenicity:** (See Effects of Chronic Exposure to Product)  
**Toxicologically Synergistic Products:** None known  
**WHMIS Hazard Class:** D2B TOXIC MATERIALS

## **VII. PREVENTATIVE MEASURES**

### **Personal Protection**

**Eyes:** Safety glasses.  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product. In case of insufficient ventilation, wear an organic vapor respirator.  
**Engineering Controls:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.  
**Spill Procedures:** Follow Canadian and local regulations for disposal.  
**Protection of Man and Environment:** Store in a dry area below 35°C.  
**Handling Procedures and Equipment:** Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use.  
**Special Handling Information:**

## **VIII. 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 vapours. Obtain medical attention.  
**Skin Contact:** Wash off with soap and water. 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.

## **IX. SHIPPING INFORMATION**

### **Canadian Transportation of Dangerous Goods**

**Proper Shipping Name:** Not regulated  
**Hazard Class:** None  
**UN/ID No:** None

### **IATA**

**Proper Shipping Name:** Not regulated  
**Class or Division:** None  
**UN/ID Number:** None

### **IMDG**

**Proper Shipping:** Not regulated  
**Hazard Class:** None  
**UN Number:** None

## **X. PREPARATION INFORMATION**

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 1  
NFPA is a registered trademark of the National Fire Protection Assn.

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**Revision Date:** May 17, 2010

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**Revision Number:** 3

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