

Permatex Canada, Inc.  
8450 Lawson Road, Unit 1  
Milton, ON Canada L9T 0A4  
Telephone: 1-87-Permatex  
(877) 376-2839  
Urgence: 800-255-3924 (ChemTel)

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

### I. PRODUCT IDENTIFICATION

**Product Name:** PERMANENT STRENGTH THREADLOCKER RED 250ML  
**Item No:** 26225  
**Product Type:** Anaerobic

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-80	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:** Mild odour  
**Specific Gravity:** 1.05  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**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  
**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 oxidizing agents, Peroxides, Reducing agents  
**Conditions of Reactivity:** None  
**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 allergic skin reactions and sensitization. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea.

**Effects of Chronic Exposure:** May cause an allergic skin reaction.

## **VI. HAZARDS IDENTIFICATION**

**Irritancy of Product:** May cause dermatitis on prolonged contact in sensitive individuals. May cause gastrointestinal irritation, central nervous system depression.

**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:** In case of insufficient ventilation, wear an organic vapor respirator.

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

**Protection of Man and Environment:** Follow Canadian and local regulations for disposal.

**Handling Procedures and Equipment:** Store in a dry area below 35°C.

**Special Handling Information:** Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use.

## **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.

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety

**Revision Date:** October 27, 2010

**Company:**  
Permatex Canada, Inc. 8450 Lawson Rd. Unit 1, Milton, ON L9T 0A4

**Revision Number:** 4

**Telephone No.:** 1-87-Permatex (877) 376-2839