

Permatex Canada, Inc.  
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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**Product Name:** PC COUNTERMANS CHOICE HI STR THREADLOCKER RED 1ML  
**Item No:** 31879  
**Product Type:** Anaerobic

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-75	not available	not available	
POLYESTER RESIN 39382-25-7	20-30	not available	not available	
SACCHARIN 81-07-2	<5	17 g/kg	not available	10 mg/m <sup>3</sup>
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	382 mg/kg	200 ppm/4H	
N,N-DIALKYTOLUIDINE 613-48-9	<3	not available	not available	
METHANOL 67-56-1	0.1-1.0	5628 mg/kg	83.2 mg/L/4H; 64000 ppm/4H	200 ppm

### III. PHYSICAL DATA

**Physical State/Appearance:** Red liquid  
**Odour & Odour Threshold:** Mild odour  
**Specific Gravity:** 1.1  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**Vapour Pressure:** <5 mmHg @ 21°C  
**Vapour Density:** >1 (air =1)  
**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:** Carbon Dioxide, Dry Chemicals, Foam.  
**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:** 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:** Preexisting eye, skin and respiratory disorders.

## **VI. HAZARDS IDENTIFICATION**

**Toxicity Information:** (See Effects of Acute Exposure to Product)  
**Effects of Acute Exposure:** May cause eye, skin and respiratory irritation. May cause allergic skin reactions and sensitization.  
**Effects of Chronic Exposure:** Ingestion may result in blindness.  
**Irritancy of Product:** May cause dermatitis on prolonged contact in sensitive individuals.  
**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.  
**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.  
**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 0  
NFPA is a registered trademark of the National Fire Protection Assn.

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

**Revision Date:** January 12, 2010

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

**Revision Number:** 3

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THREADLOCKER RED 1ML

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**X. PREPARATION INFORMATION**

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