

Permatex Canada, Inc.  
8450 Lawson Road, Unit 1  
Milton, ON Canada L9T 0A4  
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(877) 376-2839  
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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**Product Name:** PC COUNTERMANS CHOICE MED STR THREADLOCKER BLUE 1ML  
**Item No:** 31878  
**Product Type:** Anaerobic

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-70	not available	not available	
TETRAETHYLENE GLYCOL HEXOATE 18268-70-7	<25	18 g/kg	not available	
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	382 mg/kg	200 ppm/4H	
ETHYLENE GLYCOL 107-21-1	<3	4000 mg/kg	not available	
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	>10000 mg/kg	not available	10 mg/m <sup>3</sup>

### III. PHYSICAL DATA

**Physical State/Appearance:** Blue liquid  
**Odour & Odour Threshold:** Mild odour  
**Specific Gravity:** 1.1  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**Vapour Pressure:** <5 mmHg @ 21°C  
**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:** Carbon dioxide, Dry chemical, Foam  
**Hazardous Combustion Products:** 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 oxidizing agents  
**Conditions of Reactivity:** None  
**Hazardous Decomposition Products:** CO, CO<sub>2</sub> and various unidentified organic compounds

### VI. HAZARDS IDENTIFICATION

**Primary Routes of Exposure:** Eye and skin contact, ingestion, inhalation  
**Existing Conditions Aggravated by Exposure:** Allergy, eczema, skin conditions.  
**Toxicity Information:** (See Effects of Acute Exposure to Product)

## **VI. HAZARDS IDENTIFICATION**

<b>Effects of Acute Exposure:</b>	Harmful if swallowed. May cause eye and skin irritation. High concentrations of vapor or mist may be harmful or irritating if inhaled. .
<b>Effects of Chronic Exposure:</b>	May cause allergic respiratory reactions. May cause liver and kidney damage.
<b>Irritancy of Product:</b>	Overexposure may cause eye and skin redness. May cause nausea, vomiting, pain and stomach upset. Inhalation: Dizziness, anesthesia, unconsciousness, difficulty in breathing.
<b>Sensitization to Product:</b>	<b>(See Effects of Acute Exposure to Product)</b>
<b>Carcinogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Reproductive Toxicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Teratogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Mutagenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Toxicologically Synergistic Products:</b>	None known
<b>WHMIS Hazard Class:</b>	D2B TOXIC MATERIALS

## **VII. PREVENTATIVE MEASURES**

<b>Personal Protection</b>	
<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	Neoprene or nitrile gloves recommended.
<b>Ventilation:</b>	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.
<b>Engineering Controls:</b>	In case of insufficient ventilation, wear an organic vapor respirator.
<b>Spill Procedures:</b>	Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
<b>Protection of Man and Environment:</b>	Follow Canadian and local regulations for disposal.
<b>Handling Procedures and Equipment:</b>	Store in a dry area below 35°C.
<b>Special Handling Information:</b>	Avoid contact with eyes. Do not take internally.

## **VIII. FIRST AID MEASURES**

<b>Ingestion:</b>	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
<b>Skin Contact:</b>	Wash off with soap and water. If skin irritation persists, call a physician.
<b>Eye Contact:</b>	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**

<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	None
<b>UN/ID No:</b>	None

### **IATA**

<b>Proper Shipping Name:</b>	Not regulated
<b>Class or Division:</b>	None
<b>UN/ID Number:</b>	None

### **IMDG**

<b>Proper Shipping:</b>	Not regulated
<b>Hazard Class:</b>	None
<b>UN Number:</b>	None

## **X. PREPARATION INFORMATION**

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

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

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

**Revision Number:** 3

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