

ITW Permatex Canada  
35 Brownridge Road, Unit 1  
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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

Product Name: PENETRATING GRADE THREADLOCKER GREEN 50ML  
Item No: 29050  
Product Type: Anaerobic

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
METHACRYLATE MONOMER 25852-47-5	>80	not available	not available	
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<4	382 mg/kg	200 ppm/4H	
SACCHARIN 81-07-2	<2	17 g/kg	not available	10 mg/m <sup>3</sup>

### III. PHYSICAL DATA

Physical State/Appearance: Green liquid  
Odour & Odour Threshold: Mild odour  
Specific Gravity: 1.05-1.15  
Evaporation Rate: Not determined  
Vapour Pressure: <5 mmHg @ 21°C  
Vapour Density: Not determined  
Freezing Point: Not determined  
pH: Does not apply  
Octanol/Water Coefficient: Not determined  
Boiling Point: >150°C/302°F

### IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, 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: Strong oxidizing 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  
Toxicity Information: (See Effects of Acute Exposure to Product)  
Effects of Acute Exposure: May cause eye and skin irritation.  
Effects of Chronic Exposure: Prolonged or repeated skin contact may cause sensitization, with itching, swelling or rashes on later exposure.  
Irritancy of Product: Irritation of eyes, skin, nose and throat. 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)

## **VI. HAZARDS IDENTIFICATION**

**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:** Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.  
**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 - seek medical advice. Never give anything by mouth to an unconscious person.  
**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 (Air)**

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

### **IMDG (Vessel)**

**Proper Shipping Name:** 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 Association)

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 0  
(NFPA is a registered trademark of the National Fire Protection Association)

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