

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

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

### I. PRODUCT IDENTIFICATION

**Product Name:** 34B VALVE GRINDING COMPOUND 30Z  
**Item No:** 80037  
**Product Type:** Aqueous dispersion

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
WATER 7732-18-5	40-50	not available	not available	
SILICON CARBIDE 409-21-2	35-45	not available	not available	10 mg/m <sup>3</sup>
ETHYLENE GLYCOL 107-21-1	10-20	4000 mg/kg	not available	
CASTOR OIL 8001-79-4	<3	not available	not available	

### III. PHYSICAL DATA

**Physical State/Appearance:** Grey paste  
**Odour & Odour Threshold:** Mild odour  
**Specific Gravity:** 1.34  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**Vapour Pressure:** Not determined  
**Vapour Density:** Heavier than air  
**Freezing Point:** Not determined  
**pH:** basic  
**Octanol/Water Coefficient:** Not determined  
**Boiling Point:** 100°C (212°F)

### IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Water, Dry chemical, Carbon dioxide, 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:** None  
**Autoignition Temperature:** Not determined  
**Upper Explosive Limit:** Ethylene glycol: 15.3%  
**Lower Explosive Limit:** Ethylene glycol: 3.2

### V. REACTIVITY DATA

**Conditions Causing Chemical Instability:** None  
**Materials to avoid:** Strong oxidizing 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:** None known

**Toxicity Information:** (See Effects of Acute Exposure to Product)

**Effects of Acute Exposure:** May cause eye, skin and respiratory irritation. This product contains Ethylene glycol ethers which may be lethal in high concentrations. Ethylene glycol ethers have produced dose-related teratogenic effects and maternal toxicity in laboratory animals..

**Effects of Chronic Exposure:** None known

## **VI. HAZARDS IDENTIFICATION**

**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. Residues may be cleaned up with soap and water.  
**Protection of Man and Environment:** Follow Canadian and local regulations for disposal.  
**Handling Procedures and Equipment:** Protect from freezing  
**Special Handling Information:** Avoid contact with eyes. Do not take internally.

## **VIII. FIRST AID MEASURES**

**Ingestion:** 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.  
**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 0, PHYSICAL HAZARD 0  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 0, REACTIVITY 0  
NFPA is a registered trademark of the National Fire Protection Assn.

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

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### **Company:**

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

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