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

### I. PRODUCT IDENTIFICATION

Product Name: PC PROFESSIONAL WINDSHIELD REPAIR KIT  
Item No: 09223  
Product Type: UV Adhesive

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
2-HYDROXYETHYL METHACRYLATE 868-77-9	30-50	5050 mg/kg	not available	
POLYURETHANE OLIGIMER *	20-40	not available	not available	
ISOBORNYL METHACRYLATE 7534-94-3	<10	not available	not available	
ACRYLIC ACID 79-10-7	<5	33.5 mg/kg	3.6 mg/L/4H; 1202 ppm/4H	2 ppm
PHOTO INITIATOR 947-19-3	<5	not available	not available	
TRIETHYLENE GLYCOL DIMETHACRYLATE 109-16-0	<2	10837 mg/kg	not available	

### III. PHYSICAL DATA

Physical State/Appearance: Amber liquid  
Odour & Odour Threshold: Mild odour  
Specific Gravity: 1.05  
Evaporation Rate: <1 (butyl acetate = 1)  
Vapour Pressure: 6 mmHg @ 30°C  
Vapour Density: Heavier than air  
Freezing Point: Not determined  
pH: Does not apply  
Octanol/Water Coefficient: Not determined  
Boiling Point: Not determined

### 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: Keep containers cool  
Flash Point/Range: >95°C PMCC  
Autoignition Temperature: Not determined  
Upper Explosive Limit: Acrylic acid: 8.0%  
Lower Explosive Limit: Acrylic acid: 2.0%

### V. REACTIVITY DATA

Conditions Causing Chemical Instability: None  
Materials to avoid: Strong oxidizing agents, Acids, Amines, Peroxides  
Conditions of Reactivity: High temperatures  
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide

### VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation  
Existing Conditions Aggravated by Exposure: Acrylic acid: Upper respiratory and lung diseases, dermatitis.

## **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 headache and dizziness.  
**Effects of Chronic Exposure:** None known.  
**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)  
**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:** Rubber or plastic gloves.  
**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. Oxygen or artificial respiration if needed. Obtain medical attention.  
**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. 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.

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**Revision Date:** August 14, 2009

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

Product Name: PC PROFESSIONAL WINDSHIELD  
REPAIR KIT

Item No: 09223

**X. PREPARATION INFORMATION**

Revision Number: 4

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