

ITW Permatex Canada
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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: PC UV CURED GLASS SEALANT 27ML
Item No: 81379
Product Type: Anaerobic/UV

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
HIGH BOILING METHACRYLATE 7534-94-3	40-50	not available	not available	
METHACRYLIC ACID 79-41-4	10-20	1060 mg/kg	7.1 mg/L/4H	20 ppm
2-HYDROXYETHYL METHACRYLATE 868-77-9	10-20	5050 mg/kg	not available	
POLYURETHANE METHACRYLATE RESIN (MIXTURE)	10-20	not available	not available	
TRIETHYLENE GLYCOL DIMETHACRYLATE 109-16-0	<5	10837 mg/kg	not available	

III. PHYSICAL DATA

Physical State/Appearance: Clear liquid
Odour & Odour Threshold: Sweet ester
Specific Gravity: 1.05
Evaporation Rate: Not determined
Vapour Pressure: Low
Vapour Density: Not determined
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 100°C (212°F)

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Oxides of carbon, Oxides of nitrogen
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected
Conditions of Flammability: None anticipated.
Flash Point/Range: >65 degrees C.
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 oxidizers, free radical initiators, inert gases, Strong mineral acids and organic bases, Peroxides
Conditions of Reactivity: High temperatures. Sunlight/Radiation.
Hazardous Decomposition Products: Carbon oxides, Oxides of nitrogen

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Skin disorders such as dermatitis, respiratory disorders including those of the lungs such as asthma-like conditions, central nervous system, eye, gastrointestinal tract, liver and kidney disorders.

VI. HAZARDS IDENTIFICATION

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

Effects of Acute Exposure: Harmful if swallowed. Overexposure by inhalation may cause nasal and respiratory irritation, central nervous system affects, dizziness, drowsiness, weakness, fatigue, nausea, headache and possible unconsciousness. Can cause severe skin and eye irritation or burns. May cause permanent visual impairment.

Effects of Chronic Exposure: Estimated dermal LD50 greater than 2000 mg/kg. May cause liver and kidney damage.

Irritancy of Product: Eye, skin, respiratory or gastrointestinal irritation. It is possible that such irritation may be severe and lead to burns. Allergic reactions may occur.

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: D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses or goggles.

Skin: Neoprene, rubber or butyl rubber 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: Wear appropriate protective and respiratory equipment. Prevent from entering waterways or sewers. Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. 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: 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: Rinse mouth with water several times. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention..

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

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 2, PHYSICAL HAZARD 0

HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 2, REACTIVITY 0

(NFPA is a registered trademark of the National Fire Protection Association)

Product Name: PC UV CURED GLASS SEALANT 27ML

Item No: 81379

X. PREPARATION INFORMATION

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

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Company: ITW Permatex Canada. 35 Brownridge Rd. Unit 1, Halton Hills, ON L76 0C6

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