

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

I. PRODUCT IDENTIFICATION

Product Name: 84125 PC PERMA POXY 5 MINUTE PLASTIC WELD PART 2 SYR
Item No: PTX203012C
Product Type: Curing agent

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
METHYL METHACRYLATE 80-62-6	>70	7872 mg/kg	4632 ppm/4H; 400 ppm/1H	50 ppm
3,5-DIETHYL-1,2-DIHYDRO-1-PHENYL-2-PROPYLPYRIDINE 34562-31-7	<5	not available	not available	

III. PHYSICAL DATA

Physical State/Appearance: White paste
Odour & Odour Threshold: Methacrylate
Specific Gravity: 0.96
Evaporation Rate: >1.0 (butyl acetate = 1)
Vapour Pressure: 28 mm Hg @ 20°C
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: 4.5-5.0 (5% solution)
Octanol/Water Coefficient: Not determined
Boiling Point: 100°C (212°F)

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam
Hazardous Combustion Products: Oxides of carbon, Oxides of nitrogen
Sensitivity to Static Discharge: Sensitivity to static discharge is expected; material has a flashpoint less than or equal to 10°C.
Conditions of Flammability: FLAMMABLE: Keep from heat and open flame. Keep containers cool.
Flash Point/Range: 10°C Method: TCC
Autoignition Temperature: Not determined
Upper Explosive Limit: 12.5
Lower Explosive Limit: 2.1%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizers, free radical initiators, inert gases, Strong bases, Reducing agents, Acids
Conditions of Reactivity: High temperatures. Inert gas blanketing.
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: Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected

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

Effects of Acute Exposure: Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. Inhaling may cause mild irritation to the nose, throat and respiratory tract. May cause eye and skin irritation. May cause allergic skin reactions and sensitization.

Effects of Chronic Exposure: May cause liver and kidney damage. Corneal damage. May cause central nervous system effects.

Irritancy of Product: Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals. Headache, nausea, dizziness, light headedness, staggering gait, giddiness. Eyes: Exposure to liquid or vapor causes mild eye irritation. Symptoms may include burning, tearing, redness, stinging, blurred vision and corneal injury.

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VI. HAZARDS IDENTIFICATION

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: B2 FLAMMABLE LIQUIDS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Wear safety glasses or goggles to protect against exposure.
Skin: Neoprene or nitrile gloves recommended. Wash contaminated clothing before re-use.
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: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Prevent from entering waterways or sewers.
Protection of Man and Environment: Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment: Store away from heat, open flame or other sources of ignition. Use good personal hygiene. Avoid smoking, eating or drinking during use.
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: 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. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.
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: Adhesives (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG).
Hazard Class: Class 3; PGII
UN/ID No: UN 1133

IATA (Air)

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Adhesives, Limited Quantity
Hazard Class: Class 3, PG II
UN Number: UN 1133

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3, REACTIVITY 2
(NFPA is a registered trademark of the National Fire Protection Association)

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