

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

I. PRODUCT IDENTIFICATION

Product Name: PC PERMA POXY MULTI-METAL EPOXY STICK 56G
Item No: 84319
Product Type: Epoxy

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
LIMESTONE 1317-65-3	30-60	>5000 mg/kg	not available	
TALC 14807-96-6	30-60	not available	not available	2 mg/m ³
BISPHENOL-A- (EPICHLOROHYDRIN) POLYMER 41638-13-5	10-30	not available	not available	
SILICA, QUARTZ 14808-60-7	0.1-1.0	500 mg/kg	not available	0.025 mg/m ³

III. PHYSICAL DATA

Physical State/Appearance: Black putty
Odour & Odour Threshold: Mild odour
Specific Gravity: 2.8
Evaporation Rate: <1 (butyl acetate = 1)
Vapour Pressure: 0.03 mmHg
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: >200°C

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: >150°C
Autoignition Temperature: Not determined
Upper Explosive Limit: Not determined
Lower Explosive Limit: Not determined

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable
Materials to avoid: Acids, Fluorine
Conditions of Reactivity: High temperatures.
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: Preexisting eye, skin and respiratory disorders
Toxicity Information: (See Effects of Acute Exposure to Product)
Effects of Acute Exposure: Vapors extremely irritating to eyes and respiratory tract. May cause severe eye irritation. At high concentrations product causes severe inflammation of conjunctiva and cornea. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. May cause slight to mild skin irritation.
Effects of Chronic Exposure: Risk of damage to the lungs (by inhalation). May cause an allergic skin reaction.

VI. HAZARDS IDENTIFICATION

Irritancy of Product: See (Effects of Acute Exposure to Product).
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

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. In case of insufficient ventilation, wear an organic vapor respirator.
Engineering Controls: In case of insufficient ventilation, wear an organic vapor respirator.
Spill Procedures: Maintain good ventilation. Scrape up putty and place in an appropriate waste container for disposal. Wear appropriate protective and respiratory equipment.
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: Do not use for prolonged periods in confined area without adequate ventilation. Avoid contact with skin and eyes. This product may cause surfaces to become slippery. Eye wash station should be close by in case of contact with eyes.

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: 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 3, FLAMMABILITY 1, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating: HEALTH 3, FLAMMABILITY 1, REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

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