

ITW Permatex Canada
 35 Brownridge Road, Unit 1
 Halton Hills, ON Canada L7G 0C6
 Telephone: (800) 924-6994
 Urgence: 800-255-3924 (ChemTel)

Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: PC 2BR FORM-A-GASKET NO. 2 SEALANT 80ML
Item No: 80500
Product Type: Sealant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
KAOLIN 1332-58-7	50-60	not available	not available	2 mg/m ³
VEGETABLE OIL 68187-84-8	15-25	not available	not available	5 mg/m ³
ROSIN 8050-09-7	10-20	3.0 mg/kg	not available	
ETHANOL 64-17-5	<10	7060 mg/kg	124.7 mg/L (4H)	1000 ppm
2-PROPANOL 67-63-0	<2	4396 mg/kg	72.6 mg/L/4H	200 ppm
CRYSTALLINE SILICA 14808-60-7	0.1-1.0	500 mg/kg	not available	0.025 mg/m ³
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	>10000 mg/kg	not available	10 mg/m ³
METHANOL 67-56-1	0.1-1.0	5628 mg/kg	82.3 mg/L (4H)	200 ppm

III. PHYSICAL DATA

Physical State/Appearance: Reddish brown paste
Odour & Odour Threshold: Alcohol odour
Specific Gravity: 1.5
Evaporation Rate: >1 (Ether = 1)
Vapour Pressure: 33 mmHg @ 20°C
Vapour Density: 2.07
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 82°C @ 760 mmHg

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Aliphatic aldehydes, carboxylic acids, oxides of carbon.
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected.
Conditions of Flammability: None anticipated.
Flash Point/Range: Does not apply. This product is a solid per ASTM D4359.
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: Strong oxidizing agents
Conditions of Reactivity: None.
Hazardous Decomposition Products: Aliphatic aldehydes, carboxylic acids, oxides of carbon.

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:	May cause eye/skin irritation. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. High concentration may cause respiratory irritation and central nervous system depression with dizziness, headache, unconsciousness and/or death. May cause dermatitis.
Effects of Chronic Exposure:	See (Effects of Acute Exposure to Product).
Irritancy of Product:	(See Effects of Acute Exposure to Product)
Sensitization to Product:	(See Effects of Chronic 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:	Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation, wear an organic vapor respirator
Engineering Controls:	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Residues may be cleaned up with isopropyl alcohol.
Spill Procedures:	Follow Canadian and local regulations for disposal.
Protection of Man and Environment:	Store away from heat, sparks and open flame. Store at temperatures below 50°C. Use with adequate ventilation. Use good personal hygiene. Avoid smoking, eating or drinking during use.
Handling Procedures and Equipment:	Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Keep away from heat, sparks and open flame. Do not store at temperatures above 40 degrees C. Keep away from children.
Special Handling Information:	

VIII. FIRST AID MEASURES

Ingestion:	If swallowed, do not induce vomiting - seek medical advice. 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:	Rinse immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
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 1, PHYSICAL HAZARD 0
(HMIS is a registered trademark of the National Paint and Coatings Association)

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

X. PREPARATION INFORMATION

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

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Telephone No.: 1-800-924-6994