

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 THREAD SEALANT WITH PTFE 118ML
 Item No: 80510
 Product Type: Sealant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
TALC 14807-96-6	20-40	not available	not available	2 mg/m ³
ETHANOL 64-17-5	20-40	7060 mg/kg	124.7 mg/L (4H)	1000 ppm
CASTOR OIL 8001-79-4	20-40	not available	not available	
POLYVINYL RESIN 63148-65-2	<10	oral rat >5000 mg/kg	not available	
2-PROPANOL 67-63-0	<5	4396 mg/kg	72.6 mg/L/4H	200 ppm
TITANIUM DIOXIDE 13463-67-7	<3	>10000 mg/kg	not available	10 mg/m ³
METHANOL 67-56-1	<2	5628 mg/kg	82.3 mg/L (4H)	200 ppm
POLYTETRAFLUOROETHYLENE 9002-84-0	<2	not available	45 mg/m ³ /30M	

III. PHYSICAL DATA

Physical State/Appearance: White paste
 Odour & Odour Threshold: Alcohol odour
 Specific Gravity: 1.08
 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: Irritating organic vapours, Toxic fluorides
 Sensitivity to Static Discharge: Sensitivity to static discharge is expected; material has a flash point below 50 degrees C.
 Conditions of Flammability: FLAMMABLE: Keep from heat and open flame. Keep containers cool.
 Flash Point/Range: 40°C TCC.
 Autoignition Temperature: Not determined
 Upper Explosive Limit: 12.7%
 Lower Explosive Limit: 2.3%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
 Materials to avoid: Strong oxidizing agents
 Conditions of Reactivity: None.
 Hazardous Decomposition Products: Carbon oxides, Fluorinated products

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation

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Existing Conditions Aggravated by Exposure:	Preexisting eye, skin and respiratory disorders
Toxicity Information:	(See Effects of Acute Exposure to Product)
Effects of Acute Exposure:	Eye contact: Direct contact causes eye irritation. May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Irritating to mouth, throat and stomach with nausea.
Effects of Chronic Exposure:	See (Effects of Acute Exposure to Product).
Irritancy of Product:	Vapor above TLV is irritating to eyes, nose, and throat and can cause headache, dizziness, nausea.
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:	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:	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. Residues may be cleaned up with isopropyl alcohol.
Protection of Man and Environment:	Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment:	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.
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. Keep away from heat, sparks and open flame.

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:	Wash off with soap and water. 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:	Adhesives, Limited Quantity
Hazard Class:	Class 3, PGIII
UN/ID No:	UN 1133

ATA (Air)

Proper Shipping Name:	Consumer Commodity
Class or Division:	Class 9
UN/ID Number:	ID 8000

IMDG (Vessel)

Proper Shipping Name:	Adhesives, Limited Quantity
Hazard Class:	Class 3, PGIII
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 0
(NFPA is a registered trademark of the National Fire Protection Association)

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

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X. PREPARATION INFORMATION

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

Telephone No.: 1-800-924-6994

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