

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: 51D PIPE JOINT COMPOUND 16.2 FL.OZ
Item No: 80045
Product Type: Sealant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
KAOLIN 1332-58-7	30-40	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	15-25	3.0 mg/kg	not available	
ETHANOL 64-17-5	5-15	7060 mg/kg	124.7 mg/L (4H)	1000 ppm
TALC 14807-96-6	<10	not available	not available	2 mg/m ³
2-PROPANOL 67-63-0	<2	4396 mg/kg	72.6 mg/L/4H	200 ppm
METHANOL 67-56-1	0.1-1.0	5628 mg/kg	82.3 mg/L (4H)	200 ppm
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	>10000 mg/kg	not available	10 mg/m ³
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 paste
Odour & Odour Threshold: Alcohol odour
Specific Gravity: 1.25-1.32
Evaporation Rate: <1 (Butyl acetate = 1)
Vapour Pressure: 33 mmHg @ 20°C
Vapour Density: Heavier than air
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 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: 25°C. Method: TCC.
Autoignition Temperature: Not determined
Upper Explosive Limit: 12.7%
Lower Explosive Limit: 2.3%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable
Materials to avoid: Strong oxidizing agents
Conditions of Reactivity: High temperatures.
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 and skin irritation.
Effects of Chronic Exposure:	May cause dermatitis.
Irritancy of Product:	Vapor above TLV is irritating to eyes, nose, and throat and can cause headache, dizziness, nausea. Headache, nausea, dizziness, light headedness, staggering gait, giddiness.
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:	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:	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:	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. 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:	Resin Solution, Limited Quantity
Hazard Class:	Class 3, PGIII
UN/ID No:	UN 1866

IATA (Air)

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

IMDG (Vessel)

Proper Shipping Name:	Resin Solution, Flammable, Limited Quantity
Hazard Class:	Class 3, PGIII
UN Number:	UN 1866

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

Revision Date: December 30, 2014

X. PREPARATION INFORMATION

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

Revision Number: 5

Telephone No.: 1-800-924-6994