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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: 1C FORM-A-GASKET #1 SEALANT 11OZ
Item No: 80003
Product Type: Sealant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
KAOLIN 1332-58-7	40-60	not available	not available	2 mg/m ³
ROSIN 8050-09-7	20-30	3.0 mg/kg	not available	Not listed
ETHANOL 64-17-5	10-30	7060 mg/kg	not available	1000 ppm
VEGETABLE OIL 68187-84-8	<5	not available	not available	5 mg/m ³
2-PROPANOL 67-63-0	<2	4396 mg/kg	72.6 mg/L/4H	200 ppm
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	>10000 mg/kg	not available	10 mg/m ³
CRYSTALLINE SILICA 14808-60-7	0.1-1.0	500 mg/kg	not available	0.025 mg/m ³
METHANOL 67-56-1	0.1-1.0	5628 mg/kg	82.3 mg/L/4H; 64000 ppm/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: 12.0%
Lower Explosive Limit: 2.0%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable
Materials to avoid: Strong oxidizers
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

VI. HAZARDS IDENTIFICATION

Existing Conditions Aggravated by Exposure: Preexisting eye, skin and respiratory disorders

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

Effects of Acute Exposure: . Excessive exposure may cause headache, nausea, dizziness and in extreme cases, unconsciousness, respiratory depression. Eye contact: Direct contact causes eye irritation.

Effects of Chronic Exposure: May cause dermatitis.
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: 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:

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. Do not store at temperatures above 40 degrees C. Keep away from children.

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. Get medical attention/advice if you feel unwell.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. 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: Not regulated

Hazard Class: None

UN/ID No: None

IATA

Proper Shipping Name: Not regulated

Class or Division: None

UN/ID Number: None

IMDG

Proper Shipping: 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 Assn.

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0

NFPA is a registered trademark of the National Fire Protection Assn.

**Product Name: 1C FORM-A-GASKET #1 SEALANT
11OZ**

Item No: 80003

X. PREPARATION INFORMATION

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

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Company:
Permatex Canada, Inc. 8450 Lawson Rd. Unit 1, Milton, ON L9T 0A4

Revision Number: 3

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