

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

I. PRODUCT IDENTIFICATION

Product Name: ANAEROBIC GASKET MAKER 6ML
Item No: 51817
Product Type: Anaerobic

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLYURETHANE METHACRYLATE RESIN (MIXTURE)	50-70	not available	not available	
POLYGLYCOL DIMETHACRYLATE 25852-47-5	10-30	not available	not available	
TREATED SILICON DIOXIDE, SYNTHETIC, CRYSTALLINE-FREE 67762-90-7	5-15	>5,000 mg/kg	not available	10 mg/m ³
2-HYDROXYETHYL METHACRYLATE 868-77-9	<5	5050 mg/kg	not available	
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	382 mg/kg	200 ppm/4H	
ACRYLIC ACID 79-10-7	0.1-1.0	33.5 mg/kg	3.6 mg/L/4H; 1202 ppm/4H	2 ppm

III. PHYSICAL DATA

Physical State/Appearance: Red gel
Odour & Odour Threshold: Mild odour
Specific Gravity: 1.08-1.18
Evaporation Rate: Not determined
Vapour Pressure: <5 mmHg @ 21°C
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: >150°C/302°F

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, 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: >95°C COC
Autoignition Temperature: Not determined
Upper Explosive Limit: Not determined
Lower Explosive Limit: Not determined

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizers, Metals, Amines
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:	Acrylic acid: Upper respiratory and lung diseases, dermatitis
Toxicity Information:	(See Effects of Acute Exposure to Product)
Effects of Acute Exposure:	Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. May cause eye and skin irritation. May cause skin sensitization.
Effects of Chronic Exposure:	None known. Note: This product does not contain microcrystalline silica.
Irritancy of Product:	Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals.
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.
Engineering Controls:	In case of insufficient ventilation, wear an organic vapor respirator
Spill Procedures:	Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
Protection of Man and Environment:	Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment:	Store in a dry area below 35°C. Keep container closed when not in 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.

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:	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:	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)

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X. PREPARATION INFORMATION

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

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