

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

### I. PRODUCT IDENTIFICATION

**Product Name:** PC ULTRA BLACK GASKET MAKER 80 ML  
**Item No:** 59803  
**Product Type:** Elastomeric rubber

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	30-35	>40,000 mg/kg	>535 mg/l	
CALCIUM CARBONATE 471-34-1	25-30	6450 mg/kg	not available	10 mg/m <sup>3</sup>
LIMESTONE 1317-65-3	20-25	>5000 mg/kg	not available	
SYNTHETIC ISOPARAFFINIC HYDROCARON 64742-47-8	5-10	>5000 mg/kg	>5.2 mg/L/4H	
VINYL OXIMINOSILANE 2224-33-1	1-5	not available	not available	
2-BUTANONE OXIME 96-29-7	0.5-2.0	930 mg/kg	20 mg/L/4H	

### III. PHYSICAL DATA

**Physical State/Appearance:** Black paste  
**Odour & Odour Threshold:** Mild odour  
**Specific Gravity:** 1.44  
**Evaporation Rate:** Not determined  
**Vapour Pressure:** <5 mmHg @ 21°C  
**Vapour Density:** Approximately 3  
**Freezing Point:** Not determined  
**pH:** Does not apply  
**Octanol/Water Coefficient:** Not determined  
**Boiling Point:** Not applicable, Polymeric

### IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Hazardous Combustion Products:** Formaldehyde, silica fume, oxides of carbon, Oxides of nitrogen, methyl ethyl ketone, possibly methyl ethyl ketoxime.  
**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:** Polymerization can occur, Strong oxidizing agents, Water, Acids  
**Conditions of Reactivity:** None.  
**Hazardous Decomposition Products:** Carbon oxides, Oxides of nitrogen, Methyl ethyl ketoxime, Silicon oxides, Formaldehyde

### VI. HAZARDS IDENTIFICATION

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

## VI. HAZARDS IDENTIFICATION

Existing Conditions Aggravated by None known

Exposure:

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.

Effects of Chronic Exposure: See (Effects of Acute Exposure to Product).

Irritancy of Product: The silanes may cause an allergic skin reaction. Overexposure to silane may cause coma and respiratory failure. Such overexposure is unlikely. 2-Butanone oxime vapors produced during cure are toxic and irritate eyes, nose and throat.

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: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Engineering Controls: In case of insufficient ventilation, wear an organic vapor respirator

Spill Procedures: Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.

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. Do not wear contact lenses.

Comments: When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde

## VIII. FIRST AID MEASURES

Ingestion: Rinse mouth. If swallowed, do not induce vomiting - seek medical advice.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

Skin Contact: Wipe off material with paper towel or cloth. Wash off with soap and water. 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 1, FLAMMABILITY 1, PHYSICAL HAZARD 0  
(HMIS is a registered trademark of the National Paint and Coatings Association)

Estimated NFPA Rating: HEALTH 1, 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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**Company:** ITW Permatex Canada. 35 Brownridge Rd. Unit 1, Halton Hills, ON L76 0C6

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