

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

I. PRODUCT IDENTIFICATION

Product Name: PC GEAR OIL RTV SEALANT 85 GR
Item No: 31872
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	30-50	>40,000 mg/kg	>535 mg/l	
CALCIUM CARBONATE 471-34-1	10-30	6450 mg/kg	not available	10 mg/m ³
GARNET MINERAL 1302-62-1	10-30	not available	not available	
VINYL OXIMINOSILANE 2224-33-1	<10	not available	not available	
MODIFIED SILICON DIOXIDE 68611-44-9	<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: Grey paste
Odour & Odour Threshold: Mild odour
Specific Gravity: 1.45
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: Oxides of nitrogen, methyl ethyl ketone, possibly methyl ethyl ketoxime., Formaldehyde, silica fume, oxides of carbon, Aldehydes, Ammonia
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 oxidizers, Acids, Active metals, Peroxides
Conditions of Reactivity: None.
Hazardous Decomposition Products: Carbon oxides, Oxides of nitrogen, Methyl ethyl ketoxime, Silicon oxides, Formaldehyde, Aldehydes

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Toxicity Information: (See Effects of Acute Exposure to Product)

VI. HAZARDS IDENTIFICATION

Effects of Acute Exposure:	When this product is exposed to moisture, 2-Butanone oxime may be formed. May cause eye and skin irritation. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea.
Effects of Chronic Exposure:	None known.
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. Avoid contact lenses.
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:	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.
Spill Procedures:	Follow Canadian and local regulations for disposal.
Protection of Man and Environment:	Store in a dry area below 35°C. Keep container closed when not in use.
Handling Procedures and Equipment:	Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use.
Special Handling Information:	

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
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VIII. FIRST AID MEASURES

Ingestion:	Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation:	Move to fresh air in case of accidental inhalation of vapours. If not breathing, give artificial respiration. Obtain medical attention.
Skin Contact:	Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. Seek medical attention if irritation persists..
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)

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

Product Name: PC GEAR OIL RTV SEALANT 85 GR

Item No: 31872

X. PREPARATION INFORMATION

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

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