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Canadian Workplace Hazardous Materials Information System
Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: **PC 65AR FLOWABLE SILICONE WINDSHIELD & GLASS SEALER 42 GR**
Item No: **19752**
Product Type: **Silicone elastomer**

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	>40,000 mg/kg	>535 mg/l	
POLYDIMETHYLSILOXANE 63148-62-9	<20	>17 g/kg	not available	
VINYL OXIMINOSILANE 2224-33-1	<10	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: Clear liquid
Odour & Odour Threshold: Mild odour
Specific Gravity: 1.03
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: Strong oxidizing agents, Water, Acids, Polymerization can occur
Conditions of Reactivity: None.
Hazardous Decomposition Products: Carbon oxides, Oxides of nitrogen, Silicon oxides, Formaldehyde, Methyl ethyl ketoxime

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: None known
Toxicity Information: **(See Effects of Acute Exposure to Product)**

VI. HAZARDS IDENTIFICATION

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: If swallowed, do not induce vomiting - seek medical advice. 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: Wipe off material with paper towel or cloth. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

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)

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X. PREPARATION INFORMATION

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

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