ITW Permatex Canada
35 Brownridge Road, Unit 1
Halton Hills, ON Canada L7G 0C6
Telephone: (800) 924-6994
Urgence: 800-255-3924 (ChemTel)

Canadian Workplace Hazardous Materials Information System
Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: **PC 26BR RED HI TEMP RTV SILICONE ADHESIVE SEALANT 80 ML**
Item No: **81311**
Product Type: **Silicone**

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	
AMORPHOUS SILICA 7631-86-9	5-15	>5000 mg/kg	>2.2 mg/L/1H	
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	<7	7400 mg/kg	4.6 mg/L/4H	5 mg/m^3
IRON OXIDE 1309-37-1	<5	>10000 mg/kg	not available	5 mg/m^3
ETHYLTRIACETOXYSILANE 17689-77-9	<5	not available	not available	
METHYLTRIACETOXYSILANE 4253-34-3	<5	2060 mg/kg	not available	
POLYDIMETHYLSILOXANE 63148-62-9	<5	>17 g/kg	not available	
TITANIUM DIOXIDE 13463-67-7	<2	>10000 mg/kg	not available	10 mg/m^3
ACETIC ACID 64-19-7	0.5-2.0	3310 mg/kg	11.4 mg/L/1H	10 mg/m^3

III. PHYSICAL DATA

Physical State/Appearance: Red paste
Odour & Odour Threshold: Acetic acid
Specific Gravity: 1.03
Evaporation Rate: Not determined
Vapour Pressure: <10 mm Hg @ 25°C
Vapour Density: Not determined
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: Acetic acid, formaldehyde, silica fume.
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: Acetic acid: 19.9%
Lower Explosive Limit: Acetic acid: 4%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Polymerization can occur, Water, Acids, Strong oxidizing agents
Conditions of Reactivity: None.
Hazardous Decomposition Products: Carbon oxides, Acetic acid, Formaldehyde

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Methyltriacetoxysilane: Eye, skin and pulmonary disorders.
Toxicity Information: **(See Effects of Acute Exposure to Product)**
Effects of Acute Exposure: May cause eye, skin and respiratory irritation. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea.
Effects of Chronic Exposure: Note: This product does not contain microcrystalline silica.
Irritancy of Product: Acetic acid produced during cure irritates 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: 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: No special provisions are required under normal conditions. 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. Keep individual calm. Obtain medical attention.
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 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 1, FLAMMABILITY 1, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Association

X. PREPARATION INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 1 , REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

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

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Telephone No.: 1-800-924-6994