

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 66C CLEAR SILICONE ADHESIVE SEALANT 300 ML  
 Item No: 80834  
 Product Type: Silicone elastomer

### II. COMPOSITION/INFORMATION ON INGREDIENTS

| Component:  | Weight% | LD50/oral/rat | LC50/inhalation/rat | ACGIH; TLV-TWA       |
|---|---------|---------------|---------------------|----------------------|
| POLY (DIMETHYLSILOXANE),<br>HYDROXY TERMINATED<br>70131-67-8  | 70-90   | >40,000 mg/kg | >535 mg/l           |                      |
| AMORPHOUS SILICA<br>7631-86-9                                 | 7-13    | >5000 mg/kg   | >2.2 mg/L/1H        |                      |
| DISTILLATES (PETROLEUM),<br>HYDROTREATED MIDDLE<br>64742-46-7 | <7      | 7400 mg/kg    | 4.6 mg/L/4H         | 5 mg/m <sup>3</sup>  |
| ETHYLTRIACETOXSILANE<br>17689-77-9                            | <5      | not available | not available       |                      |
| METHYLTRIACETOXSILANE<br>4253-34-3                            | <5      | 2060 mg/kg    | not available       |                      |
| ACETIC ACID<br>64-19-7  | 0.5-2.0 | 3310 mg/kg    | 11.4 mg/L/1H        | 10 mg/m <sup>3</sup> |

### III. PHYSICAL DATA

Physical State/Appearance: Clear paste  
 Odour & Odour Threshold: Acetic acid  
 Specific Gravity: 1.007  
 Evaporation Rate: Not determined  
 Vapour Pressure: Not determined  
 Vapour Density: Heavier than air  
 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 carbon, silica fume, formaldehyde  
 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, Silicon oxides, 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.

**VI. HAZARDS IDENTIFICATION**

|  |   |
|--|---|
| <b>Toxicity Information:</b>                 | <b>(See Effects of Acute Exposure to Product)</b>                                       |
| <b>Effects of Acute Exposure:</b>            | May cause eye and skin irritation. Irritating to mouth, throat and stomach with nausea. |
| <b>Effects of Chronic Exposure:</b>          | None known.   |
| <b>Irritancy of Product:</b>                 | Acetic acid produced during cure irritates eyes, nose and throat.                       |
| <b>Sensitization to Product:</b>             | <b>(See Effects of Acute Exposure to Product)</b>                                       |
| <b>Carcinogenicity:</b>                      | <b>(See Effects of Chronic Exposure to Product)</b>                                     |
| <b>Reproductive Toxicity:</b>                | <b>(See Effects of Chronic Exposure to Product)</b>                                     |
| <b>Teratogenicity:</b>                       | <b>(See Effects of Chronic Exposure to Product)</b>                                     |
| <b>Mutagenicity:</b>                         | <b>(See Effects of Chronic Exposure to Product)</b>                                     |
| <b>Toxicologically Synergistic Products:</b> | None known  |
| <b>WHMIS Hazard Class:</b>                   | Non-controlled  |

**VII. PREVENTATIVE MEASURES****Personal Protection**

|   |  |
|---|--|
| <b>Eyes:</b>                              | Safety glasses.  |
| <b>Skin:</b>                              | Neoprene or nitrile gloves recommended.  |
| <b>Ventilation:</b>                       | Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.  |
| <b>Engineering Controls:</b>              | In case of insufficient ventilation, wear an organic vapor respirator  |
| <b>Spill Procedures:</b>                  | 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. |
| <b>Protection of Man and Environment:</b> | Follow Canadian and local regulations for disposal.  |
| <b>Handling Procedures and Equipment:</b> | Store in a dry area below 35°C. Keep container closed when not in use.   |
| <b>Special Handling Information:</b>      | 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.                                      |

|                  |   |
|------------------|---|
| <b>Comments:</b> | 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**

|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | Rinse mouth. If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.           |
| <b>Inhalation:</b>   | Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.  |
| <b>Skin Contact:</b> | Wipe off material with paper towel or cloth. Wash off with soap and water. If skin irritation persists, call a physician.                 |
| <b>Eye Contact:</b>  | 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**

|                              |               |
|------------------------------|---------------|
| <b>Proper Shipping Name:</b> | Not regulated |
| <b>Hazard Class:</b>         | None          |
| <b>UN/ID No:</b>             | None          |

**IATA (Air)**

|                              |               |
|------------------------------|---------------|
| <b>Proper Shipping Name:</b> | Not regulated |
| <b>Class or Division:</b>    | None          |
| <b>UN/ID Number:</b>         | None          |

**IMDG (Vessel)**

|                              |               |
|------------------------------|---------------|
| <b>Proper Shipping Name:</b> | Not regulated |
| <b>Hazard Class:</b>         | None          |
| <b>UN Number:</b>            | None          |

**X. PREPARATION INFORMATION**

**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 1  
(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)

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

**X. PREPARATION INFORMATION**

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

**Telephone No.:** 1-800-924-6994

**Revision Date:** April 30, 2014

**Revision Number:** 7