

ITW Permatex Canada  
8450 Lawson Road, Unit 1  
Milton, ON Canada L9T 0J8  
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 SENSOR SAFE BLACK GASKET MAKER 80 ML  
Item No: 38405  
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	7-13	>5000 mg/kg	>2.2 mg/L/1H	
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	7-13	7400 mg/kg	4.6 mg/L/4H	5 mg/m <sup>3</sup>
ETHYLTRIACETOXSILANE 17689-77-9	<5	not available	not available	
METHYLTRIACETOXSILANE 4253-34-3	<5	2060 mg/kg	not available	
ACETIC ACID 64-19-7	<5	3310 mg/kg	11.4 mg/L/1H	5 mg/m <sup>3</sup>

### III. PHYSICAL DATA

Physical State/Appearance: Black paste  
Odour & Odour Threshold: Acetic acid  
Specific Gravity: 1.04  
Evaporation Rate: <1 (butyl acetate = 1)  
Vapour Pressure: <5 mmHg @ 21°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: Silicon dioxide, carbon dioxide, Metallic oxides, Chlorine, Formaldehyde may form above 150 degrees C  
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 oxidizers, Water, Acids, Polymerization can occur  
Conditions of Reactivity: None.  
Hazardous Decomposition Products: Carbon oxides, Silicon 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.

## **VI. HAZARDS IDENTIFICATION**

**Toxicity Information:** (See Effects of Acute Exposure to Product)

**Effects of Acute Exposure:** May cause eye, skin and respiratory irritation. Inhaling may cause mild irritation to the nose, throat and respiratory tract. \*\*\*\*When this product is exposed to moisture, acetic acid may be formed.

**Effects of Chronic Exposure:** See (Effects of Acute Exposure to Product). 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:** Non-controlled

## **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:** In case of insufficient ventilation, wear an organic vapor respirator.. Use in a well ventilated area..

**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. When symptoms persist or in all cases of doubt seek medical advice.

**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

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

**Product Name: PC SENSOR SAFE BLACK GASKET  
MAKER 80 ML**

**Item No: 38405**

**X. PREPARATION INFORMATION**

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

**Revision Date:** August 15, 2011

**Company:**

ITW Permatex Canada. 8450 Lawson Rd. Unit 1, Milton, ON L9T 0J8

**Revision Number:** 7

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