**Permatex Canada, Inc.**
**8450 Lawson Road, Unit 1**
**Milton, ON Canada L9T 0A4**
**Telephone: 1-87-Permatex**
**(877) 376-2839**
**Urgence: 800-255-3924**

# Canadian Workplace Hazardous Materials Information System
# Material Safety Data Sheet

## I. PRODUCT IDENTIFICATION

**Product Name:** **PC 99GA HIGH TACK SPRAY-A-GASKET 113GR AE**
**Item No:** **80545**
**Product Type:** **Aerosol sealant**

## II. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | Weight% | LD50/oral/rat | LC50/inhalation/rat | ACGIH; TLV-TWA |
|---|---|---|---|---|
| BUTANE<br>106-97-8 | 15-40 | not available | 658 mg/L/4H | 1000 ppm |
| ACETONE<br>67-64-1 | 10-30 | 5800 mg/kg | not available | 500 ppm |
| PROPANE<br>74-98-6 | 10-30 | not available | 658 mg/L/4H | 1000 ppm |
| DICHLOROMETHANE<br>75-09-2 | 10-30 | >2000 mg/kg | 76000 mg/m$^3$/4H | 50 ppm |
| ETHYL ACETATE<br>141-78-6 | <5 | 5620 mg/kg | not available | 400 ppm |
| SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH.<br>64742-89-8 | <5 | 5000 mg/kg | not available | |

## III. PHYSICAL DATA

**Physical State/Appearance:** Red liquid
**Odour & Odour Threshold:** Solvent odour
**Specific Gravity:** 0.90-0.99
**Evaporation Rate:** >1 (Ether = 1)
**Vapour Pressure:** Not determined
**Vapour Density:** Heavier than air
**Freezing Point:** Not determined
**pH:** Does not apply
**Octanol/Water Coefficient:** Not determined
**Boiling Point:** >38°C (100°F)

## IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Dry chemical, Carbon dioxide, Foam
**Hazardous Combustion Products:** Hydrochloric acid, phosgene, chlorine, carbon dioxide
**Sensitivity to Static Discharge:** Aerosol cans are under pressure and may explode in fire.
**Conditions of Flammability:** FLAMMABLE: Sprayed product will project flame and may flashback on contact of spray with an ignition source. Contents under pressure. Keep containers cool. Containers may explode if heated. Use equipment or shielding to protect personnel from bursting containers. Vapours are heavier than air and may travel or be moved along the ground to an ignition source.
**Flash Point/Range:** Extremely flammable per flame projection
**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, Active metals
**Conditions of Reactivity:** Avoid excessive heat, sparks and open flame
**Hazardous Decomposition Products:** Carbon oxides, Hydrogen chloride, phosgene, chlorine.

## VI. HAZARDS IDENTIFICATION

**Primary Routes of Exposure:** Eye and skin contact, ingestion, inhalation

## VI. HAZARDS IDENTIFICATION

**Existing Conditions Aggravated by Exposure:** Methylene chloride: Cardiovascular problems. Acetone: Lung and other respiratory diseases, eye, skin and central nervous system problems.

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

**Effects of Acute Exposure:** High concentration may cause respiratory irritation and central nervous system depression with dizziness, headache, unconsciousness. Intentionally concentrating and inhaling the vapor may be harmful or fatal. May cause eye and skin irritation. . This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Aspiration into the lungs can cause pneumonia which can be fatal.

**Effects of Chronic Exposure:** Inhalation of high concentrations of Methylene Chloride vapor over long periods of time (years) has caused cancer in laboratory animals. Long term overexposure to solvents have been associated with lung, liver and kidney damage. May affect the heart and cardiovascular system. Animals exposed to acetone over long periods of time developed eye and kidney damage. Chronic overexposure to ethyl acetate may cause anemia with leukocytosis and damage to liver and kidneys.

**Irritancy of Product:** Headache, nausea, dizziness, light headedness, staggering gait, giddiness. Liquid may cause eye injury and is irritating to the skin causing dermatitis.

**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:** B5 FLAMMABLE AEROSOLS, D1B TOXIC MATERIALS, D2A VERY TOXIC MATERIALS, 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:** In case of insufficient ventilation, wear an organic vapor respirator.

**Spill Procedures:** Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

**Protection of Man and Environment:** Follow Canadian and local regulations for disposal.

**Handling Procedures and Equipment:** Store away from heat, sparks and open flame. Store at temperatures below 50°C. Use with adequate ventilation. Avoid breathing vapours. Use good personal hygiene. Avoid smoking, eating or drinking during use. Wash with soap and water after handling. Contents under pressure. Do not puncture or incinerate container.

**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. Keep away from heat, sparks and open flame. Do not store at temperatures above 40 degrees C.

## VIII. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. 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:** Aerosols, flammable, containing substances in Division 6.1, Packing Group III. (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG regulations.)

**Hazard Class:** 2.1 (6.1)

**UN/ID No:** UN 1950

### IATA

**Proper Shipping Name:** Consumer Commodity (Not more than 1 liter)

**Class or Division:** Class 9

**UN/ID Number:** ID 8000

### IMDG

**Proper Shipping:** Aerosols, (Dichloromethane), Limited Quantity

**Hazard Class:** Class 2.1, 6.1

## X. PREPARATION INFORMATION

**Estimated HMIS Classification:** HEALTH 3, FLAMMABILITY 4, PHYSICAL HAZARD 0
**HMIS is a registered trademark of the National Paint and Coatings Assn.**

**Estimated NFPA Rating:** HEALTH 3, FLAMMABILITY 4 , REACTIVITY 0
**NFPA is a registered trademark of the National Fire Protection Assn.**

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

**Revision Date:** December 04, 2009

**Company:**
Permatex Canada, Inc. 8450 Lawson Rd. Unit 1, Milton, ON L9T 0A4

**Revision Number:** 11

**Telephone No.: 1-87-Permatex (877) 376-2839**