

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: 82 BLACK SUPER WEATHERSTRIP ADHESIVE 5 FL.OZ
Item No: 81850
Product Type: Adhesive

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
TOLUENE 108-88-3	15-25	636 mg/kg	12.5 mg/L (4H)	20 ppm
METHYL ETHYL KETONE (BUTANONE) 78-93-3	15-25	2737 mg/kg	32 g/m ³ (4H)	200 ppm
ACETONE 67-64-1	15-25	5800 mg/kg	not available	500 ppm
N-HEXANE 110-54-3	5-15	25 g/kg	48000 ppm/4H	50 ppm

III. PHYSICAL DATA

Physical State/Appearance: Black paste
Odour & Odour Threshold: Solvent odour
Specific Gravity: 0.89
Evaporation Rate: Not determined
Vapour Pressure: 175 mmHg @ 20°C
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 55°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Oxides of carbon, Oxides of nitrogen, Hydrogen chloride
Sensitivity to Static Discharge: Sensitivity to static discharge is expected; material has a flashpoint less than or equal to 10°C.
Conditions of Flammability: FLAMMABLE: Keep from heat and open flame. Keep containers cool.
Flash Point/Range: -26°C
Autoignition Temperature: Not determined
Upper Explosive Limit: 13.0%
Lower Explosive Limit: 1.2%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizing agents, Strong bases, Acids
Conditions of Reactivity: Avoid excessive heat, sparks and open flame.
Hazardous Decomposition Products: Carbon oxides, Oxides of nitrogen, Hydrogen chloride

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Toluene: Eye, liver, skin, respiratory and central nervous system diseases Methyl ethyl ketone: Eye, skin and respiratory diseases
Toxicity Information: (See Effects of Acute Exposure to Product)

VI. HAZARDS IDENTIFICATION

Effects of Acute Exposure:

May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Prolonged and repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking. Preexisting skin disorders may be aggravated by exposure. Skin absorption is possible, but harmful effects are not expected under normal conditions of use. Overexposure by inhalation may cause nasal and respiratory irritation, central nervous system affects, dizziness, drowsiness, weakness, fatigue, nausea, headache and possible unconsciousness. Intentionally concentrating and inhaling the vapor may be harmful or fatal. 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:

Reports have associated repeated and prolonged overexposure to solvents with permanent brain damage and nervous system damage. This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. This material (or a component) shortens the time of onset or worsens the liver and kidney damage induced by other chemicals. Repeated exposure to Toluene has been associated with high frequency hearing loss based on animal studies. Overexposure to methyl ethyl ketone and n-hexane may cause peripheral nerve damage (that of arms and legs) and result in muscular weakness and loss of sensation.

Irritancy of Product:

Skin: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying, cracking and skin burns. Preexisting skin disorders may be aggravated by exposure to this material. . Breathing: Symptoms are typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: 1) Nasal and respiratory irritation (nose, throat and lung), preexisting lung disorder, e.g. asthma-like conditions, may be aggravated by exposure to this material. 2) Central nervous system (CNS) depression effects; dizziness, drowsiness, weakness, fatigue, nausea, headache, possible unconsciousness, coma and even death. 3) Cardiac arrhythmias (irregular heartbeat). 4) Cough. Swallowing: This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Aspiration of material into the lungs can cause chemical pneumonia which can be fatal. Symptoms may include: 1) throat irritation, 2) gastrointestinal irritation (nausea, vomiting, diarrhea), 3) central nervous system depression; dizziness, drowsiness, weakness, fatigue, nausea, headache, possible unconsciousness, coma and even death, 4) high blood sugar. Eyes: Exposure to liquid or vapor causes mild eye irritation. Symptoms may include burning, tearing, redness, stinging, blurred vision and corneal injury.

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:

B2 FLAMMABLE LIQUIDS, 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. In case of insufficient ventilation, wear an organic vapor respirator

Engineering Controls:

Spill Procedures:

Eliminate all sources of ignition. Use an NIOSH-approved respirator where occupational exposure limits may be exceeded. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Prevent from entering waterways or sewers.

Protection of Man and Environment:

Follow Canadian and local regulations for disposal.

Handling Procedures and Equipment:

Flammable. 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.

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 spray into eyes or onto skin. Keep away from children.

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 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:

Adhesives, Limited Quantity

Hazard Class:

Class 3; PGI

Product Name: 82 BLACK SUPER WEATHERSTRIP
ADHESIVE 5 FL.OZ

Item No: 81850

IX. SHIPPING INFORMATION

UN/ID No: UN 1133

IATA (Air)

Proper Shipping Name: Consumer Commodity (Not more than 500 ml)
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Adhesives, Limited Quantity
Hazard Class: Class 3, PG II
UN Number: UN 1133

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3, REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

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

Revision Date: June 01, 2012

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

Revision Number: 3

Telephone No.: 1-800-924-6994