

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: 97BR HIGH TACK SUPER ADHESIVE SEALANT 1.75 FL.OZ
Item No: 80060
Product Type: Sealant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
ACETONE 67-64-1	>40	5800 mg/kg	not available	500 ppm
ACRYLONITRILE-BUTADIENE POLYMER 9003-18-3	<20	not available	not available	Not listed
PHENOLIC RESIN 25085-75-0	<10	not available	not available	Not listed
METHYL ETHYL KETONE (BUTANONE) 78-93-3	<10	2737 mg/kg	32 g/m ³ /4H	200 ppm
N-HEXANE 110-54-3	<7	25 g/kg	48000 ppm/4H	50 ppm
TALC 14807-96-6	<5	not available	not available	2 mg/m ³
ETHYL ACETATE 141-78-6	<5	5620 mg/kg	not available	400 ppm
4,4 -ISOPROPYLIDENEDIPHENOL 80-05-7	<2	3200 mg/kg	not available	

III. PHYSICAL DATA

Physical State/Appearance: Yellow liquid
Odour & Odour Threshold: Ketone odour
Specific Gravity: 0.92
Evaporation Rate: >1 (Ether = 1)
Vapour Pressure: 400 mm Hg
Vapour Density: 2.5
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: Not determined

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Oxides of carbon
Sensitivity to Static Discharge: Sensitivity to static discharge is expected..
Conditions of Flammability: FLAMMABLE: Keep from heat and open flame. Keep containers cool.
Flash Point/Range: -10°C. Method: TCC
Autoignition Temperature: Not determined
Upper Explosive Limit: 13.0%
Lower Explosive Limit: 1.0%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizers
Conditions of Reactivity: Avoid excessive heat, sparks and open flame
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure:	Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure:	Acetone: Lung and other respiratory diseases, eye, skin and central nervous system problems Methyl ethyl ketone: Eye, skin and respiratory diseases
Toxicity Information:	(See Effects of Acute Exposure to Product)
Effects of Acute Exposure:	Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. May cause eye, skin and respiratory irritation.
Effects of Chronic Exposure:	Aspiration can be a hazard if this material is swallowed. Animals exposed to acetone over long periods of time developed eye and kidney damage. 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. Chronic overexposure to ethyl acetate may cause anemia with leukocytosis and damage to liver and kidneys. Note: This product does not contain microcrystalline silica.
Irritancy of Product:	Vapor above TLV is irritating to eyes, nose, and throat and can cause headache, dizziness, nausea 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:	B2 FLAMMABLE LIQUIDS, D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection	
Eyes:	Safety glasses with side shields or chemical goggles.
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:	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:	Flammable Store away from heat, sparks and open flame. Store at temperatures below 50°C Keep container closed when not in use Use with adequate ventilation Use good personal hygiene. Avoid smoking, eating or drinking during 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. Keep away from heat, sparks and open flame.

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. If not breathing, give artificial respiration. Obtain medical attention.
Skin Contact:	Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
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 (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG).
Hazard Class:	Class 3; PGII
UN/ID No:	UN 1133

IATA

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

IMDG

Proper Shipping:	Adhesives containing flammable liquid, 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

Product Name: 97BR HIGH TACK SUPER ADHESIVE
SEALANT 1.75 FL.OZ

Item No: 80060

X. PREPARATION INFORMATION

HMIS is a registered trademark of the National Paint and Coatings Assn.

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

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

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Company:

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

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