

ITW Permatex Canada  
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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

Product Name: 98D HIGH TACK GASKET SEALANT 1PT  
Item No: 80063  
Product Type: Sealant

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
ACETONE 67-64-1	35-45	5800 mg/kg	not available	500 ppm
METHYL ESTER OF ROSIN 68186-14-1	20-30	oral rat >10 g/kg	not available	Not listed
N-HEXANE 110-54-3	15-25	25 g/kg	48000 ppm/4H	50 ppm
ROSIN 8050-09-7	5-15	3.0 mg/kg	not available	Not listed
ACRYLONITRILE-BUTADIENE POLYMER 9003-18-3	<10	not available	not available	Not listed

### III. PHYSICAL DATA

Physical State/Appearance: Red, tacky liquid  
Odour & Odour Threshold: Ketone odour  
Specific Gravity: 0.88  
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: 55°C

### 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; 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: -10°C. Method: TCC  
Autoignition Temperature: Not determined  
Upper Explosive Limit: 13.0%  
Lower Explosive Limit: 2.0%

### V. REACTIVITY DATA

Conditions Causing Chemical Instability: None  
Materials to avoid: Strong oxidizing agents  
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  
Toxicity Information: (See Effects of Acute Exposure to Product)

## **VI. HAZARDS IDENTIFICATION**

<b>Effects of Acute Exposure:</b>	Excessive exposure may cause headache, nausea, dizziness and in extreme cases, unconsciousness, respiratory depression. Inhaling may cause mild irritation to the nose, throat and respiratory tract. May cause eye and skin irritation.
<b>Effects of Chronic Exposure:</b>	Animals exposed to acetone over long periods of time developed eye and kidney damage. Aspiration can be a hazard if this material is swallowed. 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.
<b>Irritancy of Product:</b>	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.
<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>	B2 FLAMMABLE LIQUIDS, D2B TOXIC MATERIALS

## **VII. PREVENTATIVE MEASURES**

<b>Personal Protection</b>	
<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	Neoprene or nitrile gloves recommended.
<b>Ventilation:</b>	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.
<b>Engineering Controls:</b>	In case of insufficient ventilation, wear an organic vapor respirator.
<b>Spill Procedures:</b>	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
<b>Protection of Man and Environment:</b>	Follow Canadian and local regulations for disposal.
<b>Handling Procedures and Equipment:</b>	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. Wash with soap and water after handling.
<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. Keep away from heat, sparks and open flame.

## **VIII. FIRST AID MEASURES**

<b>Ingestion:</b>	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.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
<b>Skin Contact:</b>	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>	Adhesives, Limited Quantity
<b>Hazard Class:</b>	Class 3; PGII
<b>UN/ID No:</b>	UN 1133

### **IATA (Air)**

<b>Proper Shipping Name:</b>	Consumer Commodity
<b>Class or Division:</b>	Class 9
<b>UN/ID Number:</b>	ID 8000

### **IMDG (Vessel)**

<b>Proper Shipping Name:</b>	Adhesives, Limited Quantity
<b>Hazard Class:</b>	Class 3, PG II
<b>UN Number:</b>	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)

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1PT**

**Item No: 80063**

**X. PREPARATION INFORMATION**

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

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

**Revision Number:** 7

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