

Permatex Canada, Inc.  
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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**Product Name:** PC DISC BRAKE QUIET 255G AE  
**Item No:** 80557  
**Product Type:** Aerosol Conditioner

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
ACETONE 67-64-1	10-30	5800 mg/kg	not available	500 ppm
PROPANE 74-98-6	15-40	not available	658 mg/L/4H	1000 ppm
N-HEXANE 110-54-3	15-40	25 g/kg	48000 ppm/4H	50 ppm
BUTANE 106-97-8	<10	not available	658 mg/L/4H	1000 ppm
ETHYL ACETATE 141-78-6	<5	5620 mg/kg	not available	400 ppm
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	<5	5000 mg/kg	not available	

### III. PHYSICAL DATA

**Physical State/Appearance:** Aerosol - Blue liquid  
**Odour & Odour Threshold:** Solvent odour  
**Specific Gravity:** 0.7-0.8  
**Evaporation Rate:** <1 (butyl acetate = 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:** >35C

### IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Hazardous Combustion Products:** 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.  
**Flash Point/Range:** Flame projection >15 cm but <100 cm  
**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 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

**VI. HAZARDS IDENTIFICATION**

**Existing Conditions Aggravated by Exposure:** Preexisting eye, skin and respiratory disorders

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

**Effects of Acute Exposure:** May cause eye, skin and respiratory irritation. Harmful if swallowed. High concentration may cause respiratory irritation and central nervous system depression with dizziness, headache, unconsciousness.

**Effects of Chronic Exposure:** Chronic overexposure to ethyl acetate may cause anemia with leukocytosis and damage to liver and kidneys. 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. Animals exposed to acetone over long periods of time developed eye and kidney damage.

**Irritancy of Product:** 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. Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals.

**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:** A COMPRESSED GAS, B5 FLAMMABLE AEROSOLS, 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. Contents under pressure. Do not puncture or incinerate container. Use with adequate ventilation.

**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. Do not use for prolonged periods in confined area without adequate ventilation.

**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:** Aerosols (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG Regulations)

**Hazard Class:** Class 2.1

**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, Limited Quantity

**Hazard Class:** Class 2.1

**UN Number:** UN 1950

**Product Name:** PC DISC BRAKE QUIET 255G AE

**Item No:** 80557

## **X. PREPARATION INFORMATION**

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 4, REACTIVITY 0  
NFPA is a registered trademark of the National Fire Protection Assn.

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**Revision Date:** October 28, 2010

**Company:**  
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**Revision Number:** 2

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