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

### I. PRODUCT IDENTIFICATION

**Product Name:** 161DA PAINT STRIPPER 12 OZ AE  
**Item No:** 80577  
**Product Type:** Aerosol cleaner

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
DICHLOROMETHANE 75-09-2	60-100	>2000 mg/kg	76000 mg/m <sup>3</sup> /4H	50 ppm
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	10-30	not available	not available	
METHANOL 67-56-1	<10	5628 mg/kg	82.3 mg/L/4H; 64000 ppm/4H	200 ppm
TRIETHANOLAMINE 102-71-6	<5	4190 mg/kg	not available	5 mg/m <sup>3</sup>

### III. PHYSICAL DATA

**Physical State/Appearance:** Clear liquid/aerosol  
**Odour & Odour Threshold:** Ether odour  
**Specific Gravity:** 1.17  
**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:** >35C

### IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Hazardous Combustion Products:** Oxides of carbon, Hydrogen chloride  
**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. Containers may explode if heated. Keep containers cool. 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, Metals  
**Conditions of Reactivity:** Avoid excessive heat, sparks and open flame  
**Hazardous Decomposition Products:** Carbon oxides, Hydrogen chloride

### VI. HAZARDS IDENTIFICATION

**Primary Routes of Exposure:** Eye and skin contact, ingestion, inhalation  
**Existing Conditions Aggravated by Exposure:** Methylene chloride: Cardiovascular problems  
**Toxicity Information:** (See Effects of Acute Exposure to Product)

**VI. HAZARDS IDENTIFICATION**

<b>Effects of Acute Exposure:</b>	May cause eye, skin and respiratory irritation Vapors are anesthetic in high concentrations Harmful if swallowed Intentionally concentrating and inhaling the vapor may be harmful or fatal
<b>Effects of Chronic Exposure:</b>	Reports have associated repeated and prolonged overexposure to solvents with permanent brain damage and nervous system damage Aspiration can be a hazard if this material is swallowed Cardiovascular effects 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
<b>Irritancy of Product:</b>	Headache, nausea, dizziness, light headedness, staggering gait, giddiness Vapor above TLV is irritating to eyes, nose, and throat and can cause headache, dizziness, nausea
<b>Sensitization to Product:</b>	(See Effects of Acute Exposure to Product)
<b>Carcinogenicity:</b>	(See Effects of Chronic Exposure to Product)
<b>Reproductive Toxicity:</b>	(See Effects of Chronic Exposure to Product)
<b>Teratogenicity:</b>	(See Effects of Chronic Exposure to Product)
<b>Mutagenicity:</b>	(See Effects of Chronic Exposure to Product)
<b>Toxicologically Synergistic Products:</b>	None known
<b>WHMIS Hazard Class:</b>	B5 FLAMMABLE AEROSOLS, D1B TOXIC MATERIALS, D2A VERY TOXIC MATERIALS, 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>	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 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. If not breathing, give artificial respiration. 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>	Aerosols, flammable, containing substances in Division 6.1, Packing Group III. (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG regulations.)
<b>Hazard Class:</b>	2.1 (6.1)
<b>UN/ID No:</b>	UN 1950

**IATA**

<b>Proper Shipping Name:</b>	Aerosols, flammable, containing substances in Division 6.1, Packing Group III
<b>Class or Division:</b>	Class 2.1, Subsidiary Risk 6.1
<b>UN/ID Number:</b>	UN 1950

**IMDG**

<b>Proper Shipping:</b>	Aerosols, (Dichloromethane), Limited Quantity
<b>Hazard Class:</b>	Class 2.1, 6.1
<b>UN Number:</b>	UN 1950

**X. PREPARATION INFORMATION**

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

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

**Product Name:** 161DA PAINT STRIPPER 12 OZ AE

**Item No:** 80577

**X. PREPARATION INFORMATION**

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

**Revision Date:** January 22, 2010

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

**Revision Number:** 2

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