

ITW Permatex Canada
8450 Lawson Road, Unit 1
Milton, ON Canada L9T 0J8
Telephone: (800) 924-6994
Urgence: 800-255-3924 (ChemTel)

Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: 135EA HEAVY DUTY RUBBERIZED UNDERCOATING 16OZ AE
Item No: 81833
Product Type: Undercoating

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
WATER 7732-18-5	<50	not available	not available	
CALCIUM CARBONATE 471-34-1	15-25	6450 mg/kg	not available	10 mg/m ³
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH. 64742-88-7	5-15	>5000 mg/kg	>5.28 mg/L/4H	
ASPHALT (PETROLEUM) 8052-42-4	<10	>5000 mg/kg	not available	0.5 mg/m ³
PROPANE 74-98-6	<10	not available	658 mg/L/4H	1000 ppm
BUTANE 106-97-8	<10	not available	658 mg/L/4H	1000 ppm
KAOLIN 1332-58-7	<10	not available	not available	2 mg/m ³
METHANOL 67-56-1	<3	5628 mg/kg	82.3 mg/L (4H)	200 ppm

III. PHYSICAL DATA

Physical State/Appearance: Black liquid
Odour & Odour Threshold: Solvent odour
Specific Gravity: 0.98
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: -18°C - 182°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: Sprayed product will project flame and may flashback on contact of spray with an ignition source. Contents under pressure. Containers may explode if heated. Use equipment or shielding to protect personnel from bursting containers. Do not use on vehicle unless cool.
Flash Point/Range: <-5°C
Autoignition Temperature: Not determined
Upper Explosive Limit: 36.5%
Lower Explosive Limit: 1.0%

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:	Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected
Toxicity Information:	(See Effects of Acute Exposure to Product)
Effects of Acute Exposure:	High concentration may cause respiratory irritation and central nervous system depression with dizziness, headache, unconsciousness and/or death. Inhaling may cause mild irritation to the nose, throat and respiratory tract. May cause eye and skin irritation. .
Effects of Chronic Exposure:	Long term overexposure to solvents have been associated with lung, liver and kidney damage.
Irritancy of Product:	Inhalation: Dizziness, anesthesia, unconsciousness, difficulty in breathing. 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:	Contents under pressure. Do not puncture or incinerate container. Keep away from sources of ignition and hot surfaces. Avoid breathing vapours. 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.

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 (Air)

Proper Shipping Name:	Consumer Commodity (Not more than 1 liter)
Class or Division:	Class 9
UN/ID Number:	ID 8000

IMDG (Vessel)

Proper Shipping Name:	Aerosols, Limited Quantity
Hazard Class:	Class 2.1
UN Number:	UN 1950

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)

**Product Name: 135EA HEAVY DUTY RUBBERIZED
UNDERCOATING 16OZ AE**

Item No: 81833

X. PREPARATION INFORMATION

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

Revision Date: August 19, 2011

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

Revision Number: 2

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