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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: 93106 NO TOUCH INSTANT RAIN SHIELD WINDSHIELD COATING 170G AE
Item No: RS6-12CN
Product Type: Aerosol coating

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
2-PROPANOL 67-63-0	75-85	4396 mg/kg	72.6 mg/L/4H	200 ppm
ISOBUTANE 75-28-5	<10	not available	658 mg/L/4H	1000 ppm
PROPANE 74-98-6	<10	not available	658 mg/L/4H	1000 ppm
2-BUTOXYETHANOL 111-76-2	<3	470 mg/kg	2.21 mg/L/4H, 450 ppm/4H	20 ppm

III. PHYSICAL DATA

Physical State/Appearance: Clear liquid/aerosol
Odour & Odour Threshold: Alcohol/ether odour
Specific Gravity: 0.76
Evaporation Rate: <1 (butyl acetate = 1)
Vapour Pressure: 41-51 psig
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Not determined
Octanol/Water Coefficient: Not determined
Boiling Point: 75 - 85°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam
Hazardous Combustion Products: Oxides of carbon
Sensitivity to Static Discharge: Aerosol cans are under pressure and may explode in fire.
Conditions of Flammability: Contents under pressure. Containers may explode if heated. Keep containers cool. Use equipment or shielding to protect personnel from bursting containers.
Flash Point/Range: Extremely flammable per flame projection
Autoignition Temperature: Not determined
Upper Explosive Limit: Not determined
Lower Explosive Limit: Not determined

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable at ambient temperatures and pressures.
Materials to avoid: Strong oxidizers, Prevent contact with zinc, magnesium and galvanized metals.
Conditions of Reactivity: None
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: None known
Toxicity Information: (See Effects of Acute Exposure to Product)

VI. HAZARDS IDENTIFICATION

Effects of Acute Exposure:	Inhaling may cause mild irritation to the nose, throat and respiratory tract. Swallowing large amounts may cause gastrointestinal tract irritation, central nervous system depression, low blood pressure, rapid heartbeat. Overexposure to 2-Butoxyethanol can cause nausea, dizziness, vomiting, malaise, incoordination, diarrhea, weakness, eye redness and swelling of the conjunctiva.
Effects of Chronic Exposure:	Long term overexposure to solvents have been associated with lung, liver and kidney damage.
Irritancy of Product:	See (Effects of Acute Exposure to Product)
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:	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. In case of insufficient ventilation, wear an organic vapor respirator.
Engineering Controls:	
Spill Procedures:	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Flush spill or leak area with water. Prevent from entering waterways or sewers.
Protection of Man and Environment:	Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment:	Flammable. Contents under pressure. Do not puncture or incinerate container. Store away from heat, sparks and open flame. Store at temperatures below 50°C. Use with adequate ventilation. Avoid breathing vapours. Use good personal hygiene. Avoid smoking, eating or drinking during use. Wash with soap and water after handling.
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. Keep away from children.

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 symptoms persist, call a physician.
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

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.

**Product Name: 93106 NO TOUCH INSTANT RAIN
SHIELD WINDSHIELD COATING 170G
AE**

Item No: RS6-12CN

X. PREPARATION INFORMATION

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

Revision Number: 2

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