

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: **EPOXAL ESTER PRIMER**

SECTION 1 - Preparation/Product Information

Manufactured and Supplied By: Emergency Telephone No: (613) 996-6666

Niagara Protective Coatings Date Prepared: May 22, 2008
7071 Oakwood Ave.

Niagara Falls, Ontario L2E 6S5 Product Use: Epoxy Coating

T.D.G. Classification:3.2 UN Number:1263

WHMIS:Health:3 Flammability:1 Reactivity:3 Other:0

CANADIAN WHMIS CLASSIFICATION: CLASS B, DIVISION 2,
CLASS D, DIVISION 2, SUBDIVISION B

Section 2 - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	EXPOSURE LIMITS: TLV	TOXICITY: LD50/LC50	AMOUNT: %
Tolluene (CAS # 108-88-3)	50 ppm	5500 mg/kg 7300 ppm/4h	15-20%
Varsol (CAS # 64742-47-8)	100 ppm	N.D.	<10%

SECTION 3 - Physical/Chemical Characteristics

Boiling Point: 110 - 200°C	Specific Gravity:1.5
Vapour Pressure (mmhg):>71.2	Vapour Density (air=1):3.6
Freezing Point:N/Av.	ph:N/Av.
Evaporation Rate:11.6	Solubility In Water:Partially
VOC: 300-350 grams/litre	% Solids:70 - 80
Appearance: Pigmented Liquid	Odour:Slight Epoxy Odour

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: 24°C - T.C.C.

Flammable Limits/% Volume in Air: LEL:2.0% UEL:11.5%

Autoignition Temperature (deg C):500°C

Extinguishing Media: Carbon Dioxide,Dry Chemical,Foam

Special Fire Fighting Procedures: Wear Self-contained Breathing Apparatus and approved protective clothing

Ignitable: YES: x NO:

Unusual Fire and Explosion Hazards:None

SECTION 5 - Reactivity Data

Stable: x Hazardous Polymerization:Will Not Occur

Incompatibility (Materials to Avoid):Base,amines,oxidizing materials

Conditions of Reactivity/Instability:Excessive heat,sparks and open flames

Hazardous Decomposition or Byproducts:Oxides of carbon(co,co2)

SECTION 6 - Health Hazard Data

Primary Routes Of Exposure:

Inhalation:Nose and throat irritant Skin Contact:May cause irritation
Skin Absorbtion:Repeated contact may cause dermatitus in sensitive individuals
Ingestion:May cause nausea,vomiting. Single oral dose toxicity is low
Eye Contact:May cause slight eye irritation.Corneal injury is unlikely.

Health Hazards:

No carcinogenicity,mutagenicity or teratogenicity effects are known.
No effects of chronic exposure or target organ effects are known.
No exposure limits have been established for this product as formulated.

SECTION 7 - First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Move to fresh air. Give oxygen if breathing is difficult
Ingestion: Do not induce vomiting. Obtain medical attention immediately
Eyes: Flush eyes with water for at least 15 minutes
Skin: Wash with mild soap and water

SECTION 8 - Control Measures

Respiratory Protection:Use NIOSH approved respirator for organic vapours.
Ventilation: Local and mechanical exhaust are recommended to minimize exposure

Protective Gloves: Impervious gloves should be worn when handling this material
Eye Protection: Splash proof chemical goggles

Other Protective Clothing/Material/Equipment: Barrier Cream

Work/Hygenic Practices: Wash thoroughly after handling

SECTION 9 - Precautions for Safe Handling and Use

Waste Disposal Method: In accordance with all Federal, Provincial,
State and Local regulations

Handling and Storage: Store in a cool, dry, well ventilated area,
away from heat and ignition sources

Spill and Leak Procedure: Avoid all personal contact. Take up with
absorbent material. Flush area with water

Other Precautions: Avoid contact with eyes, skin or clothing.
Avoid breathing vapour, mist or spray

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