

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: EPOXAL 3:1 INCO BEIGE PRIMER - Resin

SECTION 1 - Preparation/Product Information

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

Niagara Protective Coatings Date Prepared: July 1, 2015
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: %
Reaction products of epichlorohydrin and bisphenol A (CAS # 025085-99-8)	N.D.	N.D.	40-50%
Xylene (CAS # 1330-20-7)	100 ppm	4300 mg/kg 6350 ppm/4h	12-15%
Methyl Ethyl Ketone	200 ppm	3300 mg/kg 4000 ppm/2h	5-10%
Titanium Dioxide (CAS # 025036-25-3)	10 mg/m ³	N.D.	<10%

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SECTION 3 - Physical/Chemical Characteristics

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Boiling Point: 80 - 200°C	Specific Gravity: 1.200 - 1.3
Vapour Pressure (mmhg): N.D.	Vapour Density (air=1):N.D.
Freezing Point: N/Av.	ph: N/Av.
Evaporation Rate: N.D.	Solubility In Water: Insoluable
VOC: < 300 g/l when mixed 3:1 With Epoxal 3:1 catalyst.	% Solids:70 - 80
Appearance: Pigmented Liquid	Odour: Slight Epoxy Odour

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: -7°C - T.C.C.

Flammable Limits/% Volume in Air: LEL:N.D. UEL:N.D.

Auto-ignition 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 Absorption: Repeated contact may cause dermatitis 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/Hygienic 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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