

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: EPOXAL 100 GEL- RESIN

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SECTION 1 - Preparation/Product Information

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Manufactured and Supplied By:                      Emergency Telephone No: (613)996-6666  
Niagara Protective Coatings                                  CANUTEC  
7071 Oakwood Ave.    Date Prepared: July 1, 2015  
Niagara Falls, Ontario L2E 6S5                              Product Use: epoxy coatings

T.D.G. Classification: not regulated                      UN Number: n/a

WHMIS:Health: D2B - Toxic (Skin Sensitizer)

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Section 2 - Hazardous Ingredients/Identity Information

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HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	EXPOSURE LIMITS: TLV	TOXICITY: LD50/LC40	AMOUNT: %
4,4 Isopropylidenediphenol Epichlorohydrin resin CAS #25068-38-6	n/a	30 g/kg rat/oral	75 -90
0 - Cresyl Glycidyl Ether CAS #2210-79-9	n/a	n/a	2 -5
Nonyl Phenol CAS #25154-52-3	n/a	1620 mg/kg n/a	3 -8
Benzyl Alcohol CAS #100-51-6	n.a	1230 mg/kg rat/oral 2000 mg/kg rabbit/dermal	3 - 9

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SECTION 3 - Physical/Chemical Characteristics

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Boiling Point: >400 F                      Specific Gravity: 1.12  
Vapour Pressure (mmhg): <0.05              Vapour Density (air=1): > 1.0  
Freezing Point:N/Av.                      ph: n/a  
Evaporation Rate: < 1.0                      Solubility In Water: insoluable  
% VOC: 0%                                      % Solids: 100%  
Appearance: water -white liquid              Odour: very mild

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#### SECTION 4 - Fire and Explosion Hazard Data

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Flash Point (deg C) and Method: 96 C, Closed Cup Tag  
Flammable Limits/% Volume in Air:    LEL: n/a                      UEL: n/a  
Autoignition Temperature (deg C): not available  
Extinguishing Media: Carbon Dioxide,Water Fog,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

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#### SECTION 5 - Reactivity Data

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Stable:              x                      Hazardous Polymerization:Will Not Occur  
Incompatibility (Materials to Avoid):Oxidizing Agents  
Conditions of Reactivity/Instability:Excessive heat,sparks and open flames in the presence of oxidizing material  
Hazardous Decomposition or Byproducts:Oxides of carbon(co,co2)

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#### SECTION 6 - Health Hazard Data

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Primary Routes Of Exposure:

Inhalation:Nose and throat irritant                      Skin Contact:Irritant

Skin Absorbtion:Repeated contact may cause dermatitus in sensitive individuals

Ingestion:May cause headache,nausea,vomiting and weakness

Eye Contact:Irritant

Health Hazards:

Acute: May cause eye and skin irritation, and sensitization

Chronic: None Known

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**SECTION 7 - First Aid Measures**

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**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

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**SECTION 8 - Control Measures**

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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

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## SECTION 9 - Precautions for Safe Handling and Use

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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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