

# MATERIAL SAFETY DATA SHEET

## PRODUCT IDENTITY: EPOXAL 100 W.C. - CATALYST

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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 curing agent  
T.D.G. Classification: 8    UN Number: 1760

WHMIS CLASSIFICATION: Class D, Division 2B, Class E Corrosive

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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: %
Cycloaliphatic Amine Adduct	n/a	n/a	45 - 55
Modified Amine	n/a	n/a	3 - 8
Benzyl Alcohol CAS # 100-51-6	n/a	1230 mg/kg rat/oral 2000 mg/kg rabbit/dermal	35 -50

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### SECTION 3 - Physical/Chemical Characteristics

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Boiling Point: > 400 F                                      Specific Gravity: 1.02  
Vapour Pressure (mmhg): 0.30                              Vapour Density (air=1): n/a  
Freezing Point:N/Av.    ph: alkaline  
Evaporation Rate: n/a    Solubility In Water: < 1.00 %  
% VOC: 0%    % Solids: 100%  
Appearance: White Liquid                                      Odour: Ammonical

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

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Flash Point (deg C) and Method: 95 C (203 F) Tag

Flammable Limits/% Volume in Air: LEL: n/a UEL: n/a

Autoignition Temperature (deg C): n/a

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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