

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: EPOXAL 100 T.L. (INDUSTRIAL) 2:1 PART A

SECTION 1 - Preparation/Product Information

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 Coating

T.D.G. Classification: Not regulated

WHMIS: D2B - Toxic (Eye and Skin Irritant)

Section 2 - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	LD50 Oral Rat	LC50 Rat	AMOUNT: %
Epichlorohydrin & Bisphenol A Condensate CAS #025085-99-8	>5000 mg/kg	N/A	60-100
Digylcidal Ether CAS #17557-23-2	4500 mg/kg	N/A	5-10
Benzyl Alcohol CAS #100-51-6	1230 mg/kg	4000 mg/m ³	5-10

SECTION 3 - Physical/Chemical Characteristics

Boiling Point: N/A Specific Gravity: 1.15

Vapour Pressure (mmhg): N/A Vapour Density (air=1): N/A
Freezing Point: N/Av. Physical State: Liquid

Evaporation Rate: N/A Solubility In Water: NONE

Appearance & Odour: Clear, colourless to slight yellow, with
Epoxy odour.

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: >93.3°C TCC

Flammable Limits/% Volume in Air: LEL: not established UEL: not established

Autoignition Temperature (deg C): Not established

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam; Water as a fog
Only if necessary.

Special Fire Fighting Procedures: Use water spray to cool fire-exposed
Containers and structures.

Unusual Fire and Explosion Hazards: Not applicable

Hazardous Combustion Products: The by-products expected in incomplete
Combustion of Epoxy resins are mainly phenolics, carbon monoxide and water.
The thermal decomposition products of Epoxy resins therefore should be
treated

As potentially hazardous substances and appropriate precautions should be
Taken.

SECTION 5 - Reactivity Data

Stability: Stable, except under fire conditions

Incompatibility (Materials to Avoid): Strong acids, bases, oxidizers
And amines.

Hazardous Decomposition or Byproducts: Not applicable

Conditions to Avoid: Excessive heat/cold

SECTION 6 - Health Hazard Data

Effects of Acute Exposure:

Skin (Dermal): May irritate skin. Overexposure may cause rash
Eyes: Irritation, redness, tearing, and pain
Inhalation: May cause nasal and respiratory irritation
Ingestion: May cause gastrointestinal irritation, headache, dizziness, Fatigue and central nervous system depression.

Carcinogenicity: Not available
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Reproductive: None or slight
Teratogenicity: Not available
Mutagenicity: None or slight
Synergistic Products: Not available
Other: Not available
TWA: Not available

SECTION 7 - First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Move to fresh air. Give oxygen if breathing is difficult
Resuscitate if breathing has stopped; seek medical attention
Ingestion: Single dose oral toxicity is considered to be extremely low.
Eyes: Flush eyes with water for at least 15 minutes, holding eyelid open.
Obtain medical attention immediately.
Skin: Thoroughly wash exposed area with soap and water. Remove clothing
Launder contaminated clothing before re-use.

SECTION 8 - Control Measures

Respiratory Protection: Approved organic canister mask or air supplied.
Protective Gloves: Impervious (Butyl/Vitron/Nitrile/PVC)
Eye Protection: Splash proof chemical goggles
Footwear/Clothing: Impervious
Work/Hygienic Practices: Wash thoroughly after handling
Ventilation: Local and mechanical exhaust are recommended to minimize exposure

Storage: Store in well ventilated area at normal ambient temperature.

SECTION 9 - Precautions for Safe Handling and Use

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

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

Additional Information:

THE INFORMATION CONTAINED IN THIS FORM IS BASED ON DATA FROM SOURCES
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