MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: EPOXAL 100 TH/OP CATALYST

SECTION 1 - Preparation/Product Information

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

Canutec

Niagara Protective Coatings

Niagara Falls, Ontario L2E 6S5

7071 Oakwood Ave.

Product Use: Epoxy Curing Agent

Date Prepared: July 1, 2015

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

CANADIAN WHMIS CLASSIFICATION: CLASS D, DIVISION 2, SUBDIVISION

B, CLASS E - CORROSIVE MATERIAL

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HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	EXPOSURE L	IMITS: TLV	TOXICITY: AMC	OUNT:
Polyoxyalkylenamine (CAS #9046-10-0)	N/A	N/A	1660 mg/kg/NA	30%
Nonyl Phenol (CAS #25154-52-3)	N/A	N/A	1620 mg/kg/NA	30%
N-Aminoethylpiperazin (CAS #140-31-8)	N/A	N/A	2150 mg/kg/NA	30%
Hydrated Amporphous Silica (CAS 7631-86-9)	N/A	N/A	>5 gr/kg	10%

SECTION 3 - Physical/Chemical Characteristics

Boiling Point: 204°C Specific Gravity: 1.01

Freezing Point: -18°C ph: Alkaline

Vapour Pressure: <0.05 Vapour Density: >1

% VOC: 0 % % Solids: 100 %

Solubility in Water: Insoluable Evaporation Rate: <1

(Butyl Acetate=1)

Appearance: Water-White Liquid Odour: Ammoniacal

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: 93°C Tag Closed Cup

Flammable Limits/% Volume in Air: LEL: Not Determined UEL: Not Determined

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

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

approved protective clothing

Unusual Fire and Explosion Hazards: None Known

SECTION 5 - Reactivity Data

Stable: X Hazardous Polymerization: Will not occur

by itself

Conditions of Reactivity/Instability:Masses of more than 1 pound of product plus an oxidizing agent will cause irreversible polymerization with considerable heat buildup.

Primary Routes Of Exposure:

Inhalation: Excessive exposure may cause irritation to upper respiratory tract

Skin Contact: Causes severe skin irritation. Avoid Contact

Skin Absorbtion: Can be absorbed through skin. Avoid Contact

Ingestion: May cause nausea, vomiting. May cause burns to mouth and throat. Do not take internally.

Eye Contact: May cause permanent visual impairment. Avoid Contact

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 flush with water

Respiratory Protection:

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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