

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: **EPOTEL 100 GSC-EPOXY (PART B HARDNER)**

SECTION 1 - Preparation/Product Information

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

Trendco Enterprises
22B STRATHEARN AVE. UNIT#3
BRAMPTON L6T 4S9 ONT.

Date Prepared: SEPT 8, 2001

Product Use: coating

T.D.G. Classification:
Corrosive Liquid ,N.O.S ,Class 8
WHMIS:Health:3 Flammability:1

UN Number:3267

Reactivity:1 Other:0

Section 2 - Hazardous Ingredients

HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	EXPOSURE LIMITS: TLV	TOXICITY: LD50/LC40	AMOUNT: %
1/Isophorone Diamine(CAS#2855-13-2)	N/E	1030mg/kg (oral-rats)	< 50
2/Bebzyl Alcohol(CAS#100-51-6)	N/E	2150mg/kg(oral-rat)	20
3/1,3-benzenedimethanamine(CAS#1477-55-0)	N/E	not available	<1
4/Nonylphenol(CAS# 84852-15-3)	N/E	1300mg/kg(oral-rat) 2140(skin-rabbit)	10
5/Parateriarybutylphnol(CAS # 98-54-4)			<2
6/ Trimethylhexanediamine (CAS # 3236-53-1)			<0.5
7/Polyoxypropylenediamine (CAS # 9046-40-0)		2.88 g/kg(oral-rat) 2.98 g/kg(skin-rbt)	<20

SECTION 3 - Physical/Chemical Characteristics

Initial Boiling Point:205-285 C

Specific Gravity1.03+,- .01

Vapor Pressure (mmhg):<1 mm/hg

Vapor Density (air=1):Heavier than air

Freezing Point: N/Av.

PH: not applicable

Evaporation Rate: <1 water

Solubility In Water:< 10%

VOC gr/liter: 0

% non volatile: >100%

Appearance: Clear light yellow LIQUID

Odor: very amine odour

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MSDS27-2

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: >100 C PMCC

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, and alcohol type or all purpose Foam.

Special Fire Fighting Procedures: Wear Self-contained Breathing Apparatus and approved protective clothing.

Ignitable: YES No: X

Unusual Fire and Explosion Hazards: NONE

SECTION 5 - Reactivity Data

Stable: x Hazardous Polymerization: Will not occur

Incompatibility (Materials to Avoid): Epoxy resins, strong oxidizing agents

Conditions of Reactivity/Instability: Excessive heat, sparks, and open flames in the presence of Epoxy resins

Hazardous Decomposition or By products : Fumes, Oxides of carbon (co, co2), Nitrogen Oxides

SECTION 6 - Health Hazard Data

Primary Routes of Exposure

Inhalation: May cause an allergic reaction Skin Contact: Possible skin irritant & sensitizes

Skin Absorption: Repeated contact may cause dermatitis in sensitive individuals

Ingestion: will cause illness Eye contact: Irritant

Health Hazards:

Acute Hazard: Yes cause eye and skin irritation, and sensitization

Chronic Hazard :yes

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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 .give large amount of water or milk Obtain medical attention immediately

Eyes: Flush eyes with water for at least 30 minutes

Skin: Wash with mild soap and water

SECTION 8 - Control Measures

Respiratory Protection: Use NIOSH approved respirator for organic vapors.

Ventilation: Local and mechanical exhaust is 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 vapor, mist, or spray.

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