MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: ACRYLIC STONE BINDER

SECTION 1 - Preparation/Product Information

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

CANUTEC

(orl-rat)

Niagara Protective Coatings Date Prepared: July 1, 2015

7071 Oakwood Ave.

Niagara Falls, Ontario L2E 6S5 Product Use: cement mixture binding agent

T.D.G. Classification: not regulated UN Number:

WHMIS:Health: 1 Flammability:0 Reactivity:0 Other:0

Section 2 - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS: EXPOSURE LIMITS: TOXICITY: AMOUNT: CHEMICAL IDENTITY TLV LD50/LC40 N/A 0.1 Ammonia - (CAS #7664-41-7) 25 ppm TWA ACG 1H Ethylene Glycol (CAS #107-21-1) 50 ppm TWA ceiling 4700 mg/kg (orl-rat) 9530 mg/kg (drm-rabbit) 2,2,4 Trimethyl - 1, 3-Pentanediol Mono Isobutyrate (CAS #25265-77-4) 3.2 g/kg <0.5

Boiling Point: 100°C Specific Gravity: 1.03 ± 0.01

Vapour Pressure (mmhg): 17 Vapour Density (air=1): <1

Freezing Point:N/Av. ph: 9.5 - 10

Evaporation Rate: <1 Solubility In Water:

VOC gr/litre: 20 % Solids: 30 ± 1

Appearance: milky white Odour: slightly ammoniacal

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: 116 deg C (Ethylene Glycol)

Flammable Limits/% Volume in Air: LEL: 0.62% (TPMI) UEL: 4.24% (TPMI)

Autoignition Temperature (deg C): 393 (TPMI)

Extinguishing Media: Carbon Dioxide, Water Fog, Dry Chemical, 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):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)

SECTION 6 - Health Hazard Data

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

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 water

SECTION 8 - Control Measures

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

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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