

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: 2K WATER BASED ACRYLIC/POLYURETHANE (PART A)

SECTION 1 - Preparation/Product Information

Manufactured and Supplied By: Niagara Protective Coatings
7071 Oakwood Ave.
Niagara Falls, Ontario L2E 6S5

Emergency Telephone No: (613) 996-6666
CANUTEC

Date Prepared: July 1, 2015

Product Use: coating

T.D.G. Classification: N/R

UN Number:

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

Section 2 - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	EXPOSURE LIMITS: TLV	TOXICITY: LD50/LC40	AMOUNT: %
Acrylic Polymer not hazardous		rabbit >5000 mg/kg	

SECTION 3 - Physical/Chemical Characteristics

Boiling Point: 100°C Specific Gravity: 1.06

Vapour Pressure (mmhg): 17 mm/hg Vapour Density (air=1): <1 water

Freezing Point: N/A. pH: 7.0 to 8.0

Evaporation Rate: <1 water Solubility In Water: dilutable

VOC: gr/litre <5 % Solids: 33

Appearance: clear, milky liquid Odour: ammonia

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: non combustible

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: 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 Absorption: 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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