

## SAFETY DATASHEET

### Section 1: Identification

**Product Code:** FG2001

**Product Trade Name:** Pure Cement Binder

**Product Class/Intended End Use:** Cement modifier

**Emergency Telephone Numbers:** For Health and Spill Emergency: 905-856-0133

### Section 2: Hazardous Identification

**Classifications:** Skin irritant - Category 1  
Eye irritation – Category 1  
Inhalation – Category 1

**Signal Word:** Warning

**Hazard Statements:** Prolonged skin contact may cause slight irritation with local redness.  
May cause slight, temporary eye irritation.  
Harmful effects not anticipated from swallowing small amounts. Very low toxicity.  
Inhalation of vapour or mist may cause respiratory irritation.

#### Precautionary Statements:

Keep container tightly closed; store in cool well ventilated area.  
Wear protective gloves, and eye/face protection.  
Do not breathe mist/vapours/spray; use in a well ventilated area.  
Do not eat or drink when using this product; wash hands after using product.  
If swallowed: No emergency medical treatment needed.  
If inhaled: Move victim to fresh air. Obtain medical attention if coughing or other symptoms persist.  
If in eyes: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult a physician.  
If on skin: take off all contaminated clothing. Rinse skin in water/shower. Wash contaminated clothing before reuse.

#### Hazard Pictograms:



### Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS REG NO.</u>	<u>Weight (%)</u>
Acrylic Polymer	N/A	99-100

### Section 4: First Aid Measures

**Inhalation:** Move victim to fresh air. Obtain medical attention if coughing or other symptoms persist.



#### Section 4: First Aid Measures cont.

**Eye Contact:** Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Skin Contact:** Remove/take off all contaminated clothing. Flush skin with running water and wash affected areas thoroughly with soap and water.

**Ingestion:** No emergency medical treatment necessary.

If symptoms persist, contact a physician or other medical personnel.

#### Section 5: Fire Fighting Measures

**Suitable Extinguishing Media:** Use extinguishing media appropriate to the surrounding fire conditions.

**Unsuitable Extinguishing Media:** Not available.

**Special Hazards Arising from the Substance or Mixture:** Product can splatter above 100C/212F. Dried product can burn.

**Special Protective Equipment and Precautions for Firefighters:** Wear self contained breathing apparatus and protective suit. As for any fire, evacuate the area and fight the fire from a safe distance.

#### Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Wear adequate personal protective equipment, including an appropriate respirator. Isolate spill area, preventing entry by unauthorized persons. Material can create slippery conditions.

**Environmental precautions:**

Avoid releases to the environment and prevent material from entering sewers, natural waterways or storm water management systems.

**Methods and material for containment and cleaning up:**

Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid dyking material to separate suitable containers for recovery or disposal.

#### Section 7: Handling and Storage

**Precautions for Safe Handling:**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

**Conditions for Safe Storage:**

Keep from freezing, product stability may be affected. Stir before use.

#### Section 8: Exposure Controls/Personal Protection

**Control parameters:** No TLV data available.

**Appropriate Engineering Controls:** Use local exhaust or general ventilation to maintain vapour levels below exposure limits in workplaces.



## Section 8: Exposure Controls/Personal Protection cont.

**Protective Measures:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

### Personal Protective Equipment:

**Respiratory Protection:** For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

**Eye Protection:** Safety glasses with side shields are recommended to prevent eye contact.

**Hand Protection:** Use gloves, shoes and protective clothing to prevent skin contact. Avoid gloves made of Neoprene and polyvinyl alcohol (PVA).

## Section 9: Physical and Chemical Properties

**Appearance:** Milky white liquid

**Odour:** Ammonia odour

**Odour threshold:** Not available

**pH:** >9.0

**Melting point/freezing point:** Not available

**Initial boiling point and boiling range:** 100°C (water)

**Flash point:** Non combustible

**Flammability:** Not applicable

**Auto-ignition temperature:** Not applicable

**Upper/lower flammability or explosive limits:** Not applicable

**Explosive properties:** Not available

**Oxidising properties:** Not available

**Evaporation rate:** <1 (water)

**Vapour pressure:** 17 mmHg at 20.00 °C Water

**Relative vapour density:** <1.0000 Water

**Relative density:** 1.0000 - 1.2000

**Solubility(ies):** Water

**Partition coefficient (n-octanol/water):** Not available

**Decomposition temperature:** Not available

**Viscosity:** 5 - 55 mPa.

## Section 10: Stability and Reactivity

**Reactivity:** No data available.

**Chemical Stability:** Stable at normal ambient and anticipated storage and handling conditions.

**Possibility of Hazardous Reactions:** Product will not undergo polymerization.

**Conditions to Avoid:** No data available.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** Thermal decomposition may yield acrylic monomers.

## Section 11: Toxicological Information

<u>Chemical Name</u>	<u>CAS REG NO.</u>	<u>TLV(mg/m<sup>3</sup>)</u>	<u>LC<sub>50</sub>/LD<sub>50</sub></u>
Acrylic Polymer	N/A	N/A	LD <sub>50</sub> (oral, rat)>5000mg/kg LD <sub>50</sub> (dermal, rabbit)>2000mg/kg



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## Section 12: Ecological Information

**Toxicity:** No test data on mixture. No test data on mixture.

**Persistence and degradability:** No test data on mixture.

**Bioaccumulative potential:** No test data on mixture.

**Mobility in soil:** No test data on mixture.

**Other adverse effects:** None known.

## Section 13: Disposal Considerations

**Handling of Disposal:** Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers.

**Methods of Disposal:** Dispose of in accordance with federal, provincial/state and local hazardous waste laws; do not discharge into sewage or municipal water.

## Section 14: Transport Information

**UN Number:** Not applicable

**UN Proper Shipping Name:** Not applicable

**Transport Hazard Class(es):** Not applicable

**Packing Group:** Not applicable

**Environmental Hazards:** Not available

**Special Precautions for User:** Not available

## Section 15: Regulatory Information

This product is not regulated for transport by TDG or US DOT. All substances contained in this product are listed on the Canadian Domestic Substances List or are not required to be listed.

## Section 16: Other Information

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