



## SAFETY DATASHEET

### Section 1: Identification

Product Code: FG0801  
Product Trade Name: Cement Bear  
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 2  
Eye irritation – Category 2  
Inhalation – Category 2

Signal Word: Warning

Hazard Statements: Causes skin irritation  
May cause eye irritation  
Inhalation of vapour or mist may cause irritation of nose, throat or lungs.  
May cause headache and nausea.

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: Drink 1-2 glasses of water. Obtain medical attention for discomfort.  
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 on skin; take off immediately all contaminated clothing; rinse skin in water/shower; wash contaminated clothing before reuse.  
If skin irritation occurs; get medical attention.

Hazard Pictograms:



### Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS REG NO.</u>	<u>Weight (%)</u>
Superplasticizer	N/A	0.1-0.2
Styrene Acrylic Emulsion	N/A	25-30
Silica Sand	N/A	45-50
Reinforcing Fiber	N/A	0.3-0.5
In-can Preservative	N/A	0.10-0.15

#### **Section 4: First Aid Measures**

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

Eye Contact: Immediately flush eyes cautiously with running water for several minutes. If irritation persists obtain medical.

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

Ingestion: Drink 1-2 glasses of water. Obtain medical attention for discomfort.

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: Material can splatter above 100°C/212°F.

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

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: Not available.

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

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

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

Personal Protective Equipment:

Respiratory Protection: NIOSH/MSHA approved respirator if required.

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

Hand Protection: Use gloves (Neoprene gloves recommended), shoes and protective clothing to prevent skin contact.

### **Section 9: Physical and Chemical Properties**

Appearance: Milky white liquid

Odour: Mild

Odour threshold: Not applicable

pH: >8.0

Melting point/freezing point: Not applicable

Initial boiling point and boiling range: Not applicable

Flash point: Not combustible

Flammability: Not flammable or combustible

Auto-ignition temperature: Not applicable

Upper/lower flammability or explosive limits: Not applicable

Explosive properties: Not applicable

Oxidising properties: Not applicable

Sensitivity to mechanical impact: Not applicable

Sensitivity to static discharge: Not applicable

Vapour pressure: Not available

Vapour density: Not available

Relative density: Not available

Solubility(ies): Water

Partition coefficient (n-octanol/water): Not applicable

Decomposition temperature: Not available

Viscosity: Not applicable

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### **Section 10: Stability and Reactivity**

Reactivity: None known.

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

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Thermal decomposition may 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>
Styrene Acrylic Polymer	N/A	N/A	LD <sub>50</sub> (oral, rat) > 5000 mg/kg LD <sub>50</sub> (dermal, rabbit) > 5000 mg/kg
Silica Sand	14808-60-7	0.05	Not available
In-can preservative	N/A	N/A	LD <sub>50</sub> (oral, rat female) = 3,310 mg/kg LD <sub>50</sub> (oral, rat male) > 5,000 mg/kg LD <sub>50</sub> (dermal, rabbit) > 5,000 mg/kg

### Section 12: Ecological Information

Toxicity: 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 regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

### Section 16: Other Information

Revision Date: September 2017