

SAFETY DATASHEET

Section 1: Identification

Product Code: FG0201, FG0202
Product Trade Name: Prep Coat Fine, Prep Coat Regular
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 1
Inhalation – Category 1

Signal Word: Warning

Hazard Statements: Prolonged or repeated skin contact may cause slight 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. May cause irritation of nose, throat and lungs, headache and nausea.
If in eyes: rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. May cause slight irritation.
If on skin; take off all contaminated clothing; rinse skin in water/shower; wash contaminated clothing before reuse. Repeated and prolonged skin contact may cause slight irritation.
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> |
|----------------------|--------------------|-------------------|
| Acrylic Emulsion | N/A | 20-25 |
| Silica Sand | 14808-60-7 | 55-60 |
| Reinforcing Fiber | 13983-17-0 | 1.0-1.5 |
| In-can Preservative | N/A | 0.15-0.2 |
| Aqueous Ammonia | 7664-41-7 | 0.01-0.05 |



Section 4: First Aid Measures

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

Eye Contact: Rinse with plenty of water. 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. If skin irritation persists contact a physician.

Ingestion: Drink 1-2 glasses of water. Obtain medical attention for discomfort. Never give anything by mouth to an unconscious person.

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.



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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: 100°C (212°F) Water

Flash point: Not combustible

Flammability: Not 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

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 yield acrylic monomers.



Section 11: Toxicological Information

| <u>Chemical Name</u> | <u>CAS REG NO.</u> | <u>TLV(mg/m³)</u> | <u>LC₅₀/LD₅₀</u> |
|----------------------|--------------------|------------------------------|---|
| Acrylic Emulsion | N/Av | N/Av | LD ₅₀ (oral, rat) > 5000 mg/kg LD ₅₀ (dermal, rabbit) > 5000 mg/kg |
| Silica Sand | 14808-60-7 | 0.05 | Not available |
| In-can preservative | N/Av | N/Av | LD ₅₀ (oral, rat female) = 3,310 mg/kg LD ₅₀ (oral, rat male) > 5,000 mg/kg LD ₅₀ (dermal, rabbit) > 5,000 mg/kg |
| Reinforcing Fiber | 13983-17-0 | 3 (respirable) | N/Av |
| Aqueous Ammonia | 7664-41-7 | N/Av | LD ₅₀ (oral, rat) = 350 mg/kg LD ₅₀ (dermal, rabbit) = N/Av |

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