

SAFETY DATASHEET

Section 1: Identification

Product Code: FG0802
Product Trade Name: Polar Bear
Product Class/Intended End Use: Weather Barrier/Adhesive
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: May cause eye irritation
May cause skin 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

Chemical Name	CAS REG NO.	Weight (%)
Acrylic Emulsion	N/A	25-30
Styrene/Acrylic Emulsion	25586-20-3	10-15
Calcium Carbonate	1317-65-3	35-40
Silica Sand	14808-60-7	15-20
Titanium Dioxide	13463-67-7	0.5-1.0
Dipropylene glycol monobutyl ether	29911-28-2	0.2-0.5
In-can Preservative	N/A	0.10-0.15
Dry Film 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 or tinted

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 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

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: Not available

Section 11: Toxicological Information

<u>Chemical Name</u>	<u>CAS REG NO.</u>	<u>TLV(mg/m³)</u>	<u>LC₅₀/LD₅₀</u>
Acrylic Polymer	N/A	N/Av	LD ₅₀ (oral, rat)>5000mg/kg LD ₅₀ (dermal, rabbit)>5000mg/kg

Section 11: Toxicological Information cont.

<u>Chemical Name</u>	<u>CAS REG NO.</u>	<u>TLV(mg/m³)</u>	<u>LC₅₀/LD₅₀</u>
Styrene Acrylic Polymer	25586-20-3	N/Av	N/Av
Calcium Carbonate	1317-65-3	N/Av	N/Av
Silica Sand	14808-60-7	0.05	N/Av
Dipropylene glycol monobutyl ether	29911-28-2	N/Av	LD ₅₀ (oral, rat)=4000mg/kg LC ₅₀ (rat)>2.4mg/L
In-can preservative	N/A	N/A	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
Dry film preservative	N/A	N/A	LD ₅₀ (oral, rat)=978 mg/kg LD ₅₀ (dermal, rabbit)>2,000 mg/kg
Titanium Dioxide	13463-67-7	10	LD ₅₀ (oral, rat)>5,000 mg/kg LC ₅₀ (inh, rat)>6.2 mg/L

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