

Section 1: Identification

Product Code: FG1405

Product Trade Name: Gemstone

Product Class/Intended End Use: Acrylic finish. For industrial/professional use only.

Emergency Telephone Numbers: For Health and Spill Emergency: 905-856-0133 (Monday to Friday 9am-5pm EST)

Manufacturer Information: DuROCK Alfacing International Ltd.
101B Roytec Rd
Woodbridge, Ontario, Canada
L4L 8A9
Phone: 905-856-0133

Section 2: Hazard Identification

Classifications:

Acute Toxicity (Oral), Category 4

Acute Toxicity (Dermal), Category 4

Signal Word:

Warning

Hazard Statements:

H302: Harmful if swallowed.

H312: Harmful if in contact with skin.

Precautionary Statements:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264: Wash affected areas thoroughly with soap and water after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312+P330: IF SWALLOWED: Call a Poison Center/doctor if you feel unwell. Rinse mouth.

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P362+P364: IF ON SKIN: Take off contaminated clothing and wash before reuse.

P404: Store in a closed container.

P403+P235: Store in a well ventilated place. Keep cool.

P501: Dispose of contents/container to at a permitted facility in accordance with local, state, and federal regulations.

Hazard Pictograms:



Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>Common Name/Synonyms</u>	<u>CAS REG NO.</u>	<u>Weight (%)</u>
Ceramic Coated Sand	Ceramic Coated Sand	Not available	From 30 to 60%
Dipropylene glycol monomethyl ether	Glycol ether DPM	34590-94-8	From 0.1 to 1%
2-butoxyethanol	Glycol ether EB	111-76-2	From 0.1 to 1%
Propylene glycol phenol ether	Not available	770-35-4	From 0.1 to 1%

Special Statement Regarding Ceramic Coated Sand:

Although these products are composed primarily of Silica Sand and such sand is potentially a source of respirable dust, the sand particles are thoroughly encapsulated in a coating which captures all dust and should, under normal circumstance, prevent any normal release of silica dust to the workplace.

Section 4: First Aid Measures**Inhalation:**

Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if coughing or other symptoms persist.

Eye Contact:

Rinse with plenty of water. Remove contact lenses if present and easy to do. Continue rinsing. 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. Wash contaminated clothing before reuse. If skin irritation persists contact a physician.

Ingestion:

Drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention

Most Important Symptoms and Effects (both acute and delayed):

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be mildly irritating to skin, eyes and respiratory system.

Section 5: Fire Fighting Measures

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

Unsuitable Extinguishing Media: No data 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. Store in a cool and dry place and out of sun. Stir before use.

Section 8: Exposure Controls/Personal Protection**Control parameters:****Occupational Exposure Limits:**

Ingredient	ACGIH TLV
Crystalline Silica (quartz) (respirable fraction)	0.025mg/m ³
Dipropylene glycol monomethyl ether	150ppm (skin, STEL)
2-butoxyethanol	20ppm (*TWA)
Propylene glycol phenol ether	Not available

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: Paste-like

Odour: Mild

Odour threshold: Not applicable

pH: 8.0-9.0

Melting point/freezing point: Not available

Initial boiling point and boiling range: 100°C (212°F) Water

Evaporation rate: Not available

Flash point: Not combustible

Flammability: Not combustible

Upper/lower flammability or explosive limits: Not available

Vapour pressure: Not available

Vapour density: Not available

Relative density: Not available

Solubility(ies): Water

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

Auto-ignition temperature: Not applicable

Decomposition temperature: Not available

Viscosity: Not available

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: Do not freeze or overheat.

Incompatible Materials: None known.

Hazardous Decomposition Products: Thermal decomposition may yield acrylic monomers.

Section 11: Toxicological Information

Likely Routes of Exposure: Eye and skin contact. Ingestion

Acute Toxicity: Ceramic coated sand

Non irritating

Acute Toxicity: Dipropylene glycol monomethyl ether

Oral, rat: LD₅₀ = 5120 mg/kg

Dermal, rabbit: LD₅₀ = 9480 mg/kg

Inhalation, rat, 4hr: LC₅₀ = 3 mg/L (mist)

Acute Toxicity: 2-butoxyethanol

Oral, rat: LD₅₀ = 530 mg/kg

Dermal, rabbit: LD₅₀ = 400-500 mg/kg

Inhalation, rat, 4hr: LC₅₀ = 2.175mg/L

Acute Toxicity: Propylene glycol phenol ether

Specific Target Organ Systemic Toxicity (Repeated Exposure): Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Carcinogenicity: No relevant data found.

Aspiration Hazard: Based on physical properties, not likely to be an aspiration hazard.

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

Ceramic Coated Sand:

Canada:

WHMIS Classification: Not restricted/non-hazardous.

United States (Federal and State):

TSCA: Components are listed.

OSHA: Silica sand is considered hazardous under 29 CFR 1910.1000.

Silica sand is not regulated for transportation under the U.S. DOT, Canadian TDG, IMDG, or IATA Regulations.

Dipropylene glycol monomethyl ether:

IMDG/IATA/DOT/TDG: Not regulated

Domestic Substances List (DSL): Listed.

TSCA: Listed

2-butoxyethanol:

TDG/IMO-IMDG/IATA/ICAO: Not regulated for transport

Domestic Substances List (DSL): Listed.

TSCA: Listed

Propylene Glycol Phenol Ether:

Not available



SAFETY DATASHEET

Section 16: Other Information

Revision Date: February 2019