

## Section 1: Identification

**Product Code:** FG1001

**Product Trade Name:** Marble Coat White

**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:

Carcinogenicity: Category 1A

Specific Target Organ Systematic Toxicity, Repeated: Category 2 (Lungs)

### Signal Word:

Danger

### Hazard Statements:

H350i: May cause cancer by inhalation.

H373: May cause damage to organs (lungs) through prolonged or repeated exposure by inhalation.

### 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+P315: IF SWALLOWED: Get immediate medical advice/attention

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

P308+P313: IF EXPOSED OR CONCERNED: Get medical advice/attention.

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

P302+P362+P363: IF ON SKIN: Take off all contaminated clothing. Wash contaminated clothing before reuse.

P404: Store in a closed container.

P405: Store locked up.

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>
Calcium Carbonate	Limestone	1317-65-3	From 45 to 70%
Dolomite	Not available	16389-88-1	From 5 to 10%
Kaolin	Not available	1332-58-7	From 1 to 5%
Titanium Dioxide	Titanium Dioxide	13463-67-7	From 1 to 5%
Propylene glycol phenol ether	Not available	770-35-4	From 0.1 to 1%
Texanol	Propane-1,2-diol1, 2-Dihydroxypropane	25265-77-4	From 0.1 to 1%

**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):**

Calcium carbonate may cause irritation to the respiratory tract, repeated and/or prolonged skin contact may cause irritation or dryness, may cause eye irritation.

**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:**

<b>Ingredient</b>	<b>ACGIH TLV</b>
Limestone (respirable)	3mg/m <sup>3</sup> (*TWA, PNOS)
Dolomite(respirable)	3mg/m <sup>3</sup> (*TWA, PNOS)
Kaolin Clay	2mg/m <sup>3</sup> (*TWA)
Titanium Dioxide	10mg/m <sup>3</sup>
Propylene glycol phenol ether	Not available
Texanol	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:** White or tinted paste

**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: Ground Calcium Carbonate**

Not classified

**Acute Toxicity: Dolomite**

Not classified

**Acute Toxicity: Kaolin Clay**

Not available

**Acute Toxicity: Titanium Dioxide**

Oral, rat: LD<sub>50</sub> > 5,000 mg/kg (Method: OECD Test Guideline 425)

Dermal, rabbit: LD<sub>50</sub> > 10,000 mg/kg

Inhalation, rat, 4hr: LC<sub>50</sub> > 6.82mg/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.

**Acute Toxicity: Texanol**

Oral, rat: LD<sub>50</sub> = 4410-9595 mg/kg

Dermal, rabbit: LD<sub>50</sub> > 15 200 mg/kg  
Inhalation, rat, 4hr: LC<sub>50</sub> > 5.25 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****Ground Calcium Carbonate:**

**Domestic Substances List:** Ground limestone as well as its impurities are “substances occurring in nature” and considered to be on the Canadian Domestic Substances List.

**Toxic Substances Control Act:** Limestone CAS# 1317-65-3 is listed on the U.S. EPA TSCA Inventory

**OSHA Hazards:** Carcinogen

**UN/IMDG/IATA/DOT/TDG:** Not regulated

**Dolomite:**

**Domestic Substances List:** Ground dolomite as well as its impurities are “substances occurring in nature” and considered to be on the Canadian Domestic Substances List.

**Toxic Substances Control Act:** Dolomite is listed on the U.S. EPA TSCA Inventory

**OSHA Hazards:** Carcinogen

**UN/IMDG/IATA/DOT/TDG:** Not regulated

**Kaolin:****Canada**

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):** Listed on the DSL.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b):** Listed on the TSCA Inventory.

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.



## SAFETY DATASHEET

**Titanium Dioxide:**

**Canada:**

**Domestic Substances List (DSL):** Listed.

**United States (Federal and State):**

**TSCA:** Listed

**Propylene Glycol Phenol Ether:**

Not available

**Texanol:**

**49CFR/DOT:** Not regulated.

**TDG:** Not regulated

**TSCA Inventory:** Yes

**CERCLA Reportable Quantity(RQ) (40 CFR 117.302):** Not applicable

**SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:** Not available

**SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical:**

Toxic Chemical: No

de minimus Concentration: Not applicable

### Section 16: Other Information

Revision Date: February 2019