

Section 1: Identification

Product Code:**Product Trade Name:** Marble Coat Plus**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:**

Ingredient	ACGIH TLV
Limestone (respirable)	3mg/m ³ (*TWA, PNOS)
Dolomite(respirable)	3mg/m ³ (*TWA, PNOS)
Kaolin Clay	2mg/m ³ (*TWA)
Titanium Dioxide	10mg/m ³
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: LD₅₀ > 5,000 mg/kg (Method: OECD Test Guideline 425)

Dermal, rabbit: LD₅₀ > 10,000 mg/kg

Inhalation, rat, 4hr: LC₅₀ > 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: LD₅₀ = 4410-9595 mg/kg

Dermal, rabbit: LD₅₀ > 15 200 mg/kg
Inhalation, rat, 4hr: LC₅₀ > 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

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