



## **SAFETY DATA SHEETS (SDS)**

### **1. PRODUCT IDENTIFICATION**

**PRODUCT NAME:** Dolomite- All Sizes

**SYNONYMS:** Dolomitic Limestone; Calcium Magnesium Carbonate; Dolo

**CHEMICAL FAMILY:** Thermoplastic Acrylic

**RECOMMENDED USES:** Steel; Ph adjustment; FGT; Construction; Agriculture; Aggregate

**HAZARD CLASSES:** Non- regulated

**COMPANY:** **CRYSTAL MARK, INC.**

**ADDRESS:** 613 Justin Ave. Glendale CA, 91201

**PHONE:** 818 240-7520

### **2. HAZARD IDENTIFICATION**

**CLASSIFICATION:** Carcinogen- Category 1

Specific Target Organ Toxicity Single Exposure- Category 3  
(Respiratory System)

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(Respiratory System)

**LABELING:**

Pictogram:



**Warning**

Signal Word(s): Danger

**HAZARD STATEMENT:** May cause respiratory irritation.

Damage to lungs through prolonged or repeated exposure when inhaled.

May cause cancer through inhalation

**SIGNAL WORD:** Warning

**OTHER HAZARDS:** Low toxicity under conditions of handling and use.

**PRECAUTIONARY STATEMENT:**

Wash exposed skin thoroughly after handling. Do not breathe dust. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

If exposed or concerned; get medical advice.

Dispose of contents or containers in accordance with applicable regulations

**OTHER HAZARDS:** None

<b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b>
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**CHEMICAL NAMES AND SYNONYMS:**

Dolomitic Limestone; Calcium Magnesium Carbonate; Dolo

Substance Identity	CAS	CONCENTRATION, % Wt.
Dolomite	16389-88-1	>95
Crystalline Silica	14808-60-7	<3

<b>4. FIRST-AID MEASURES</b>
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**INHALATION:**

If inhalation of high concentrations occurs, move to fresh air. If breathing has stopped, a certificate professional should give CPR. Seek immediate medical attention.

**INGESTION:** Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth unless instructed to do so by medical personnel.

**SYMPTOMS AND EFFECTS:**

This product contains crystalline silica, which has been classified by IARC as (Group I) carcinogenic to humans when inhaled. Inhalation of silica can also cause a chronic disorder, silicosis.

**NOTE TO PHYSICIAN:**

Provide general supportive measures and treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

**Appropriate Extinguishing Media:** Use dry chemical fire extinguisher or water

**Inappropriate Extinguishing Media:** Do not use halogenated compounds.

### FIREFIGHTING

**Fire Hazard:** Dolomite is not combustible or flammable. Dolomite is not considered to be an explosive hazard, although reaction with incompatible materials may rupture containers.

**Hazardous Combustion Products:** None

**Special Protective Equipment and Fire Fighting Instructions:** None

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS:

Use proper protective equipment.

### ENVIRONMENTAL PRECAUTIONS:

For large spills, as much as possible, avoid the generation of dusts.  
Prevent release to sewers or waterways.

### METHODS OF MATERIALS FOR CONTAINMENT AND CLEAN UP

#### SMALL SPILLS:

Use dry methods to collect spilled materials. Avoid generating dust. Do not clean up with compressed air. Residue on surfaces may be washed with water dilute vinegar solutions

#### LARGE SPILLS:

Use dry methods to collect spilled materials. Evaluate area downwind of clean-up operations to minimize dust exposure.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** None.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

Do not store near incompatible materials (See section 10 below).

<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**CONTROL PARAMETERS:**

COMPONENT	CAS#	EXPOSURE LIMITS
<b>Dolomite</b>	<b>16389-88-1</b>	OSHA PEL: 15mg/m <sup>3</sup> (total) 5mg/m <sup>3</sup> (respirable) ACGIH TLV: 10md/m <sup>3</sup>
<b>Crystalline Silica</b>	<b>14808-60-7</b>	OSHA PEL: 10mg/m <sup>3</sup> divided by (the percentage of silica in the dust plus 2) (respirable) ACGIH TLV: 0.025 mg/m <sup>3</sup> (respirable)

**Appropriate Engineering Controls: Provide ventilations adequate to maintain PELs's**

**PERSONAL PROTECTION****RESPIRATORY PROTECTION:**

Use NIOSH approved respirators if airborne concentrations

**EYE PROTECTION:**

Wear safety glasses or goggles with side shields. (eye. See OSHA 29 CFR 1910.133).

**SKIN PROTECTION:**

Clothing should be fully covered arms and legs.

**OTHER:**

Eye wash foundation and emergency showers and recommended

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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Physical State: Solid

Color: White, grayish-white, red, pink or tan

Odor: Odorless

Odor Threshold: N/A

Ph: 8-9 @25 C

Melting Point: N/A

Initial Boiling Point: N/A

Freezing Point: N/A

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): Non- flammable

Explosion Limits: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Relative Density: 2.6 2.9 g/ cm<sup>3</sup> (apparent)

Solubility(ies): Not readily soluble in water

Partition Coefficient: Relatively Insoluble

Auto-ignition Temperature: N/A

Decomposition Temperature: 730 c

Viscosity: N/A

## 10. STABILITY AND REACTIVITY

Reactivity: Normally stable. Will react with chemicals listed under incompatible materials below.

Chemical Stability: Dolomite is chemically stable.

Possibility of Hazardous Reactions: See reactivity above

Conditions to Avoid: Do not allow Dolomite to come into contact with incompatible materials.

Incompatible Materials: Dolomite should not be mixed or stored with the following materials, due to the potential for violent reaction and release of heat:

Acids (unless in a controlled process) Reactive Fluoridated Compounds Reactive Brominated Compounds Reactive Powdered Metals Ammonium Salts

Hazardous Decomposition Products: None

## 11. TOXICOLOGICAL INFORMATION

**Health Effects:** see First Aid discussion in Section 4

**Routes of Exposure:** see First Aid discussion in Section 4

**Symptoms Related to Exposure:** See First Aid discussion in Section 4

**Carcinogen Listing:** Dolomite is not listed by MSHA, OSHA, or IARC as a carcinogen, but this product contains crystalline silica, which has been classified by IARC as (Group I) carcinogenic to humans when inhaled.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** None Expected

**Persistence and Degradability:** N/A

**Bioaccumulation Potential:** This material shows no bioaccumulation effect or food chain concentration toxicity.

**Mobility in Soil:** Minimal mobility in soil.

**Other Adverse Effects:** N/A

## 13. DISPOSAL CONSIDERATIONS

### **Disposal Recommendations:**

Dispose of in accordance with all applicable federal, state, and local environmental regulations.

### **Regulatory Disposal Information:**

If this product as supplied, and unmixed, becomes a waste, it will not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act.

## 14. TRANSPORT INFORMATION

UN Number: Not Regulated

UN Proper Shipping Name: Not Regulated

Transport Hazard Class(es): Not Regulated

Packing Group: Not Regulated

Marine Pollutant (y/n): No

Special Precautions: None

<b>15. REGULATORY INFORMATION</b>
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**National Chemical Inventory Listing:**

All chemical ingredients are listed on the USEPA TSCA Inventory List.

**US Regulations**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261) Not classified

CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001;

CWA, Sec 311 (b) (4); CWA, Sec 307 (a), CAA, Sec, 112

CERLA Reportable quantity (RQ) not listed.

SARA 311/312 Codes: Not listed.

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR355): Not listed, Threshold Planning

Quantity (TPQ): Not listed

Specific State Regulations: Consult State and Local Authorities for guidance. Components found in this product may contain trace amounts of inherent naturally occurring elements (such as, but not limited to arsenic and cadmium) that may be regulated under California Proposition 65 and other State Regulations.

Canada DSL: Listed

Canadian WHMIS Listing:

“D2A” Materials causing other toxic effects

<b>16. OTHER INFORMATION &amp; LAST REVISION DATE</b>
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**KEY:**

<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>SARA</b>	Superfund Amendment and Reauthorization Act
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substance Control Act
<b>TWA</b>	Time Weight Average
<b>STEL</b>	Short Term Exposure Limit
<b>LTEL</b>	Long Term Exposure Limit
<b>N/A</b>	Not Available or Not Applicable
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Association
<b>ACGIH</b>	ACGIH American Conference of Governmental Industrial Hygienist
<b>TWA</b>	Time Weighted Average
<b>PEL</b>	Permissible Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>REL</b>	Recommended Exposure Limit

**DISCLAIMER:**

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<b><u>LAST REVISION DATE:</u> 01/25/2018</b>
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