

# Material Safety Data Sheet


**MPSI**

 Mineral and Pigment  
Solutions, Inc.

## Calcium Carbonate - Dolomitic Limestone

C.A.S. Number: 1317-65-3 / MSDS C.A.S. Code: 0810

**PRODUCT/MATERIAL: DOLOMITIC LIMESTONE**

**MANUFACTURER/DISTRIBUTOR:** MINERAL AND PIGMENT SOLUTIONS, INC.  
**ADDRESS:** 1000 COOLIDGE STREET  
 SOUTH PLAINFIELD, NJ 07080  
**EMERGENCY TELEPHONE NO:** (908) 561-6100

**SECTION I - PRODUCT IDENTIFICATION:**

**SYNONYM:** DOLOMITE  
**CHEMICAL FAMILY:** METAL CARBONITE  
**FORMULA:**  $\text{CaMg}(\text{CO}_3)_2$   
**CAS NUMBER:** 16389-88-1  
**HMIS:** HEALTH 1  
 FLAMMABILITY 0  
 REACTIVITY 0

**SECTION II - HAZARDOUS INGREDIENTS:**

DOLOMITIC LIMESTONE CONTAINS CRYSTALLINE SILICA AT LEVELS ABOVE 0.1% BUT LESS THAN 1%. THESE LEVELS ARE "TYPICAL" AND MAY CHANGE SLIGHTLY WITH DIFFERENT LOTS.

**SECTION III - PHYSICAL DATA:**

**BOILING POINT (F):** NOT APPLICABLE  
**VAPOR PRESSURE (mmHg):** NOT APPLICABLE  
**VAPOR DENSITY:** NOT APPLICABLE  
**SOLUBILITY IN WATER:** INSOLUBLE  
**SPECIFIC GRAVITY:** 2.7 - 2.8  
**PERCENT VOLATILE BY WEIGHT:** 0  
**EVAPORATION RATE:** 0  
**APPEARANCE AND ODOR:** WHITE ODORLESS POWDER

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## MATERIAL SAFETY DATA

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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: NON-FLAMMABLE  
FLAMMABLE LIMITS: LEL - NON-FLAMMABLE  
UEL - NON-FLAMMABLE  
EXTINGUISHING MEDIA: WATER  
SPECIAL FIRE FIGHTING PROCEDURES: NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

### SECTION V - HEALTH HAZARD DATA:

THRESHOLD LIMIT VALUES: INERT OR NUISANCE DUST:  
5 mg/M<sup>3</sup>, RESPIRABLE DUST (ACGIH, OSHA)  
10 mg/M<sup>3</sup>, TOTAL DUST (ACGIN)  
15 mg/M<sup>3</sup>, TOTAL DUST (OSHA)

EFFECTS OF OVEREXPOSURE: MAY CAUSE MECHANICAL IRRITATION TO EYES AND RESPIRATORY TRACT.

CARCINOGENICITY: DOLOMITIC LIMESTONE IS NOT LISTED AS A CARCINOGEN BY IARC, NTP, OSHA OR ACGIH. CRYSTALLINE SILICA WHICH MAY BE PRESENT IN QUANTITIES LESS THAN 1% HAS BEEN REVIEWED BY IARC. IARC HAS RECLASSIFIED CRYSTALLINE SILICA AS A CLASS 1 SUBSTANCE OR KNOWN CARCINOGEN. IARC VOL. 68, 1996. NTP HAS CLASSIFIED CRYSTALLINE SILICA AS A SUBSTANCE REASONABLY ANTICIPATED TO BE A CARCINOGEN.

### EMERGENCY AND FIRST-AID PROCEDURES:

**EYE CONTACT:** FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

**SKIN CONTACT:** WASH FROM SKIN WITH MILD SOAP AND WATER.

**INHALATION:** REMOVE FROM EXPOSURE AREA.

**INGESTION:** INGESTION SHOULD NOT CAUSE ANY SIGNIFICANT HEALTH PROBLEMS. IF A LARGE AMOUNT IS INGESTED AND IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO INDUCE VOMITING. GET MEDICAL ATTENTION.

### SECTION VI - REACTIVITY DATA:

INCOMPATIBILITY: PRODUCT IS STABLE  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE  
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

### SECTION VII - SPILL OR LEAK PROCEDURES:

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## MATERIAL SAFETY DATA

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**STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED:** NORMAL CLEAN UP PROCEDURES. CARE SHOULD BE TAKEN TO AVOID CAUSING DUST TO BECOME AIRBORNE. VACUUM CLEANING SYSTEMS ARE RECOMMENDED.

**WASTE DISPOSAL METHOD:** DISPOSAL MUST BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

### SECTION VIII - SPECIAL PROTECTION INFORMATION:

**EYE PROTECTION (USE MOST APPROPRIATE):** SAFETY GLASSES, GOGGLES, FACE SHIELD.  
**SKIN PROTECTION:** LEATHER OR RUBBER GLOVES.  
**RESPIRATORY PROTECTION:** USE OF A NIOSH APPROVED DUST RESPIRATOR IS RECOMMENDED WHEN EXPOSURE LIMITS MAY BE EXCEEDED.  
**VENTILATION:** LOCAL EXHAUST VENTILATION TO COLLECTOR OR CONTAINMENT RECOMMENDED TO CONTROL DUST TO BELOW EXPOSURE LIMITS.

### SECTION IX - SPECIAL PRECAUTIONS:

GOOD INDUSTRIAL HYGIENE PRACTICE REQUIRES THAT EMPLOYEE EXPOSURE BE MAINTAINED BELOW THE RECOMMENDED TLV. THIS IS PREFERABLY ACHIEVED THROUGH THE PROVISION OF ADEQUATE VENTILATION WHERE NECESSARY. WHERE DUST CANNOT BE CONTROLLED IN THIS WAY, PERSONAL RESPIRATORY PROTECTION SHOULD BE EMPLOYED.

### SECTION X - OTHER INFORMATION:

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• **Mineral and Pigment Solutions, Inc.** • 1000 Coolidge St. • South Plainfield, NJ 07080 •  
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