

Material Safety Data Sheet



Omya (CALIFORNIA), Inc.
 Lucerne Valley, California
 A Pluesee-Stauffer Company

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product: Calcium Carbonate (Limestone)

STCC #: 3295960

CAS #: 1317-65-3

Chemical Formula: CaCO₃

Trade Names:	OMYATEX	OMYACARB 2	OMYACARB 10	OMYACARB 100	OMYACARB MPX
	OMYACARB 2T	OMYACARB 3	OMYACARB 15	OMYACARB HP	OMYACARB MP 200
	OMYACARB 3T	OMYACARB 4	OMYACARB 20	OMYACARB CP	OMYACARB MP 325
	OMYACARB 4T	OMYACARB 5	OMYACARB 40	OMYACARB BP	OMYACARB OP30
		OMYACARB 8	TITAN 200	OMYACARB MP	

Product Uses: Mineral Filler and Pigment

Manufacturer's Name: Omya (CALIFORNIA), Inc.

Address: P.O. Box 825, Crystal Creek Rd.
 Lucerne Valley, CA 92356

Telephone #: (760) 248-7308

SECTION 2 - HAZARDOUS INGREDIENTS

Ingredients:	% by Wt.:	CAS #:	Exposure Limits:
Limestone	> 99	1317-65-3	ACGIH TLV: Total dust, 10 mg/m ³ TWA OSHA PEL: Total dust, 15 mg/m ³ TWA Respirable dust, 5 mg/m ³ TWA
Silica, quartz (naturally-occurring component of limestone)	< 0.6	14808-60-7	ACGIH TLV: Respirable dust, 0.1 mg/m ³ TWA OSHA PEL: Respirable dust, 0.1 mg/m ³ TWA

Hazardous Materials Identification System:
 (National Paint & Coatings Association)

Category	Rating
Health	1
Flammability	0
Reactivity	0
Personal Protection	E

SECTION 3 - PHYSICAL CHARACTERISTICS

Density: 2.7 g/ml

Appearance and Odor: White powder; no odor.

Solubility in Water: 1.3 mg/100 g @ 18°C (untreated calcium carbonate)

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: Non-flammable.

Special Firefighting Procedures: None.

Unusual Fire and Explosion Hazards: None.

SECTION 5 - REACTIVITY DATA

Stability: Stable.

Hazardous Decomposition Products: None.

Reactivity in Water: None.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Reacts with strong acid to liberate carbon dioxide.

SECTION 6 - TOXICOLOGICAL PROPERTIES AND HEALTH HAZARD DATA**EFFECTS AND HAZARDS OF ACUTE EXPOSURE:**

- INHALATION:** Can be irritating to the respiratory tract. Symptoms include sneezing and slight nose irritation.
- EYE CONTACT:** Mild irritation. Symptoms include watering and irritation.
- SKIN CONTACT:** Repeated or prolonged exposure may have a drying effect on the skin. May cause mild skin irritation. Symptoms include redness and irritation.
- INGESTION:** Ingestion of very large quantities may result in intestinal obstruction and/or constipation.

EFFECTS AND HAZARDS OF CHRONIC OVEREXPOSURE:

There are no reported health effects associated with repeated or prolonged exposure to pure calcium carbonate. Chronic exposure to respirable limestone dust at concentrations exceeding occupational exposure limits may increase the risk of developing pneumoconiosis (lung disease).

These products contain crystalline silica (quartz) as an impurity. Prolonged exposure to respirable crystalline silica dust at concentrations exceeding occupational exposure limits may increase the risk of developing a disabling lung disease called silicosis. Crystalline silica has been reviewed by IARC and they have found limited evidence for pulmonary carcinogenicity in humans.

SECTION 7 - PREVENTIVE MEASURES

- HANDLING:** Engineering control methods such as (but not limited to) process enclosure and exhaust ventilation may be necessary to control exposures. Supply sufficient replacement air to make up for air removed by exhaust systems. If engineering controls and work practices are not effective in controlling exposures, appropriate personal protective equipment including a NIOSH/OSHA approved dust respirator should be worn.
- When prolonged or repeated contact with hands is likely, the use of appropriate gloves is recommended.
- Safety glasses with side shields should be worn as minimum eye protection.

- STORAGE CONDITIONS:** Store in closed containers in a dry place separate from incompatible materials.

- SPILL AND LEAK PROCEDURES:** Measures may be necessary to reduce and protect against airborne dust during cleanup operations, including use of respiratory protective equipment.

- DISPOSAL:** From a waste perspective, these products are not considered hazardous and may be disposed of as a solid waste in accordance with applicable federal, state, provincial, and local regulations.

SECTION 8 - FIRST AID MEASURES

- INHALATION:** Remove to fresh air. Obtain medical advice if required.
- EYE CONTACT:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water, for 10 minutes, holding the eyelid(s) open. If irritation persists, obtain medical advice immediately.
- SKIN CONTACT:** Wash with warm water and mild soap. If irritation occurs, obtain medical advice immediately.
- INGESTION:** Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Rinse mouth thoroughly with water. Do not induce vomiting. Drink 8 to 10 ounces (240 to 300 ml) of water to dilute material in stomach. Obtain medical advice immediately.

SECTION 9 - PREPARATION INFORMATION FOR MATERIAL SAFETY DATA SHEET

Prepared by Technical Support Group

December 9, 1998

The information contained herein has been compiled by Omya (CALIFORNIA), Inc. from sources it considers reliable, and is accurate to the best of Omya (CALIFORNIA)'s knowledge. Before using the product identified hereon, the foregoing MSDS and the product label should be read carefully. The information contained herein relates only to the product identified hereon, and does not relate to its use in combination with any other material or in any process. Customers are encouraged to conduct their own tests concerning the use of the product identified hereon as each customer's manner and conditions of use and handling may involve additional considerations. Omya (CALIFORNIA), Inc. assumes and shall incur no liability for any damages, losses, injuries, costs, or consequential damages that may result from the use or misuse of the product identified hereon, and the recipient assumes all of such liability.