

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
This Standard must be consulted for specific requirements.

Hempt Bros., Inc.

TELEPHONE: (717) 737-3411

FAX: (717) 761-5019

205 Creek Rd. P.O. BOX Camp Hill, PA 17011-0278



Section 1, Identification **Limestone**/Crushed Stone-Steelton Quarry

Manufacturer's Name: <u>Hempt Bros., Inc.</u>	Emergency Telephone Number (717) 737 - 3411
Address (Number, Street, City, State, and ZIP) P.O. Box 278 205 Creek Road Camp Hill, Pa. 17001-0278	Telephone Number for Information (717) 737 - 3411
	Signature of Preparer (optional)

Section 2, Hazard(s) identification



Respiratory Sensitizer



Irritant (skin and eye)
Respiratory Tract Irritant



Eye Damage

Section 3, Composition/information on ingredients

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)	
Silicon Dioxide (SiO ₂)				5.13	
Calcium Oxide (CaO)				43.00	
Magnesia (MgO)				7.71	
Gypsum (CaSO)				0.06	
May contain Crystalline Silica (14808-60-7)	0.1	0.1 MSHA (proposed)			
Respirable Dust: MSHA 10+ (% Respirable Quartz +2)					
Other particulates (Not otherwise regulated)	OSHA 5	(Respirable dust) and 15 (total dust)			
ACGIH TLV 10	MSHA 10 (Total Dust)	MSHA (Proposed)	5 For Respirable Mine Dust		
Al ₂ O ₃ —0.82%	Na ₂ O—0.16%	TiO ₂ —0.05%	Mn—0.01%	Fe ₂ O ₃ —0.39%	K ₂ O—0.18%
P ₂ O ₂ —0.01%	Cr ₂ O ₃ —0.01%	LOI—41.30%			

Section 4, First Aid Measures

Emergency and First Aid Procedures

Flush eyes with water; Wash skin with soap and water; Remove from dust for breathing problems.

Section 5, Fire-Fighting measures

Flash Point (Method Used): N/A N/A	Flammable Limits: Non-Flammable	LEL	UEL
Extinguishing Media: N/A			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: None			

Section 6, Accidental release measures

Steps to Be Taken in Case Material is Released or Spilled: No special procedures- - Try to avoid generating dust (wetting of material suggested); Use of respiratory protective equipment suggested for dust conditions (avoid "dry" sweeping)

Section 7, Handling and storage

Precautions to Be taken in Handling and Storing: Avoid inhalation and eye exposure.
Other Precautions: Label as required by OSHA Hazard Communication Standard (29 CFR; 1910.1200 [f]) and ALL other applicable local and/or state regulations

Section 8, Exposure controls / personal protection

Respiratory Protection (Specify Type): Use dust respirator (NIOSH, MSHA, and/or OSHA approved types only)		
Ventilation	Local Exhaust If in confined space	Special
	Mechanical (General) If needed to assist local exhaust	Other

Protective Gloves Regular "work" gloves recommended	Eye Protection : Use ANSI approved glasses with side shields or "goggles"
Other Protective Clothing or Equipment: None that are special required, but "work" clothes should be washed after use.	
Work/Hygienic Practices: Launder clothing to prevent dust exposure. Avoid inhalation of dust.	

Section 9, Physical and chemical properties

Boiling Point N/A		Specific Gravity (H₂O = 1) 2.70 to 2.90	
Vapor Pressure (mm Hg.) N/A		Melting Point N/A	
Vapor Density (AIR = 1) N/A		Evaporation Rate (Butyl Acetate = 1) N/A	
Solubility in Water: Not Soluble			
Appearance and Odor Angular particles, ranging in color from white to black (mostly grey), No odor powder to boulders.			

Section 10, Stability and reactivity

Stability	Unstable		Conditions to Avoid
	Stable	XXXX	None
Incompatibility (Materials to Avoid) Silica containing respirable dust particles may be generated by handling			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur		Conditions to Avoid

	Will Not Occur	XXXX	None
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Section 11, Toxicological information

Route(s) of Entry:	Inhalation? Avoid dust	Skin? N/A	Ingestion? N/A
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Health Hazards (Acute and Chronic): Inhalation may cause pneumoconiosis.
Exposure to dust may aggravate existing skin and/or eye conditions

Carcinogenicity: Crystalline Silica	NTP? Possible	IARC Monographs? Possible	OSHA Regulated? Not currently
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Limestone is not currently listed by NTP, or OSHA, or IARC

Signs and Symptoms of Exposure: Eye irritation, irritation of mucous membranes, chronic cough.

Medical Conditions Generally Aggravated by Exposure (Disease[s] and/or dysfunctions) Associated with respiratory problems

Section 12, Ecological information: N/A

Section 13, Disposal Consideration:

Waste Disposal Method: Use applicable local and state regulations for disposal.

Section 14, Transport Information: N/A

Section 15, Regulatory information

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IARC Monographs? Possible	OSHA Regulated? Not currently
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See Section 3

Section 16, Other information:

Date Prepared: January 2, 2005	Last Revised: 6/25/2013
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- CRUSHED STONE
- SAND
- TRANSIT MIXED CONCRETE
- ASPHALT PAVING MATERIALS
- DRAINAGE
- PAVING
- EXCAVATION
- STREET AND DRIVEWAY CONSTRUCTION

WARNING

Calcium Carbonate (Limestone)
CAS# 1317-65-3

This product contains small amounts of crystalline silica (Quartz)
CAS# 14808-60-7 which may cause cancer or serious problems.

AVOID BREATHING PRODUCT DUST

WEAR RESPIRATOR IN DUSTY AREAS

FIRST AID: MOVE TO FRESH AIR

See MSDS for additional safety information.