

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 All Toland Products (Sand & Aggregates/Gravel)

Manufacturer's Name Hempt Bros., Inc.	Emergency Telephone Number (717) 737 - 3411
Address (Number, Street, City, State, and ZIP Code) 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)
Silica (SiO ₂) - (CAS # 7631-86-9)	95.76			
Alumina - (CAS # 1344-28-1)	1.72			
Ferric Oxide - (CAS # 1309-37-1)	0.59			
Respirable Dust: MSHA 10+ Respirable Quartz +2%				
Crystalline Silica - (CAS # 14808-60-7)	0.10			
Loss on ignition (Dried at 105%C)	0.51			
Total dust MSHA 30+ %Quartz +3				
Respirable mine dust (%)				
MgO---0.17 Na2O---0.058 TiO2---0.49 MnO---0.01				
CaO---0.087 K2O---0.42 P2O5---0.008 Cr2O3---0.02				

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	Flammable Limits Non-Flammable	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures: N/A		Unusual Fire and Explosive Hazards: N/A	

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: “Work” gloves recommended.	Eye Protection Use glasses with side shields or “goggles” None special required, but “work” clothes should be washed after use
Other Protective Clothing or Equipment:	
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)	2.55-2.69
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: Light Tan Granules---Odorless			

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

Section 10, Stability and reactivity

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

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur XXXX		None

Section 11, Toxicological information

Route(s) of Entry:	Inhalation? Avoid Dust	Skin? N/A	Ingestion? N/A
Health Hazards (<i>Acute and Chronic</i>): 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
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.
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Section 14, Transport Information: N/A

Section 15, Regulatory information

OSHA Regulated? Not Currently

Section 16, Other information:

Date Prepared: January 2, 2005	Last Revised: 6/25/2013
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HEMPT BROS., INC.

205 Creek Road P.O. Box 278 Camp Hill, Pa. 17011
TELEPHONE: (717) 737-3411 FAX: (717) 761-5019

- CRUSHED STONE
- SAND
- TRANSIT MIXED CONCRETE
- ASPHALT PAVING MATERIALS
- DRAINAGE
- PAVING
- EXCAVATION
- STREET AND DRIVEWAY CONSTRUCTION

WARNING

Silica
CAS# 7631-86-9

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.