



HEMPT BROS., INC.

205 Creek Road P.O. Box 278 Camp Hill, Pa. 17011 (717) 737-3411

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

Dear Customer:

Enclosed are Material Safety Data Sheets (MSDS), as requested. MSDS sheets are provided to inform you on the health, safety and environmental protection information necessary for the safe handling and use of its products.

If you resell or distribute a Hempt Bros., Inc. product you should furnish a copy of the MSDS to the purchaser and inform them of their obligations to communicate the information provided.

Please feel free to contact us about any concern you may have regarding the health, safety and environmental aspects of any Hempt Bros., Inc. product.

Sincerely,

HEMPT BROS. INC.,

Max J. Hempt
President

Enclosed MSDS Sheets:	Concrete	- 3 Pages
	Steelton Limestone	- 3 Pages
	Locust Point Limestone	- 2 Pages
	All Toland Products	- 3 Pages
	Asphalt	- 4 Pages

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



IDENTITY (As Used on Label and List) **All Toland Products** (Sand & Aggregates/Gravel)

Section I

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
	Date Prepared: JANUARY 2, 2005
	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

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 III - Physical/Chemical Characteristics

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			

Section IV - Fire and Explosion Hazard Data

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 V - Reactivity Data

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 VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Avoid Dust	Skin? N/A	Ingestion? N/A
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
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.			
Emergency and First Aid Procedures Flush eyes with water; wash skin with soap and water; remove from dust for breathing problems.			

Section VII - Precautions for Safe Handling and Use

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)
Waste Disposal Method: Use applicable local and state regulations for disposal.
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 VIII - Control Measures

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 IX - Special Precautions

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.



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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.