

Material Safety Data Sheet

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

*Parson's
MH Cement*

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List):
Parson's MH Liner

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name: Parson Environmental Products	Emergency Telephone Number: 1-800-535-5053 Infotrac
Address (Number, Street, City, State, and ZIP Code): 4228 St Lawrence Avenue, Suite B	Telephone Number for Information: 1-800-356-9023
Reading, PA 190606	Date Prepared: February 25, 2004
	Signature of Preparer (optional): Craig Gaul

Section II - Hazardous Ingredients / Identity Information

Hazardous Components (Common Name(s))	CAS NO.	OSHA PEL	ACGIH TLV
*Crystalline Silica	7631-86-9	0.05mg/m ³ /%SiO ₂ + 2	0.05 mg/m ³ 30-40
Portland Cement	65997-15-1	10mg/m ³ TWA	5.0mg/m ³
Calcium Aluminates	65997-16-2	5.0mg/m ³ TWA	5.0mg/m ³
Silica Fume, Amorphous	69012-64-2	80% by wgt.	2.0 mg/m ³

* The exposure limits are time-weighted average concentration for an eight-hour day or a forty-hour

work week. Crystalline silica exists in several forms. If heated to more than 870°C, sand can form a Crystalline silica known as tridymite, and if heated to 1,470°C it can form a crystalline silica known as cristobalite. OSHA PEL for these crystalline forms is one half of the normal crystalline quartz

Section III - Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity (H₂O = 1):	2.3-2.4
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/E	Evaporation Rate (Butyl Acetate = 1):	N/A
Solubility in Water: Forms Alkali Slurry in water. Negligible			
Appearance and Odor: Concrete or Medium Gray free-flowing powder, with little or no odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): Non-combustible	Flammable Limits: N/E	LEL: N/A	UEL: N/A
Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical			
Special Fire Fighting Procedures: Use water spray to cool exposed surfaces.			

Usual Fire and Explosion Hazards:
None Known

Section V - Reactivity Data **Parson Environmental Products (MH Liner)**

Stability:	Unstable:	Conditions to Avoid:
	Stable: X	Excessive heat and freezing
compatibility (Materials to Avoid): Strong oxidizers and acids		
Hazardous Decomposition or Byproducts: None Known		
Hazardous Polymerization:	May Occur:	Conditions to Avoid:
	Will Not Occur:	none
	NO	
	N/A	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	No	No
Health Hazards (Acute and Chronic): Wet cement can dry the skin and cause alkali burns. Exposure to dust may result in build-up of Alkaline material on clothes. Always maintain safe sanitary habits to avoid this problem.			
Carcinogen:	NTP?	IARC Monographs?	OSHA Regulated?
This product contains Silica sand. Silica sand contains Crystalline Free Silica which is considered a carcinogen. Prolonged inhalation of this product while in its powder form may cause silicosis.			
Signs and Systems of Exposure: Prolong exposure to breathing can cause shortness of breath, lung disorders, and silicosis.			
Long-term exposure can cause drying and skin sensitizing to certain people.			
Medical Conditions Generally Aggravated by Exposure: Asthma and Asthma-like conditions may worsen from prolonged and repeated exposure.			
Emergency and First Aid Procedures: > Contact: Flush with large amounts of water for 15 min. Contact a physician immediately.			
If ingested, induce vomiting. Skin Contact: Wash hands with soap and water.			

Section VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is released or spilled: Vacuum up and reuse excess powder. Place remaining powder into dry clean containers. Do not pour drains or in waterways, ponds, or rivers.
Waste Disposal Method: Dispose of according to federal, state and local standards. This product is Non-hazardous once mixed with water and solidified.
Precautions to be taken in handling and storing: Keep containers tightly closed when not in use. Keep out of reach of children. Keep containers from excessive moisture and extremes of temperature. Product may become lumpy if this occurs.
Other Precautions: To avoid eye contact, use goggles or safety glasses to prevent dusts while mixing. Always follow the proper safety procedures to avoid excessive inhalation and/or eye contact.

Section VIII - Control Measures

Respiratory Protection (Specify Type): Use an approved NIOSH/OSHA respirator. OSHA regulation, 29 CFR 1910.134 for respirator		
Ventilation:	Local Exhaust:	Special:
	While mixing, provide proper ventilation	
	Mechanical (General):	Other:
	Fans, open windows, and positive air flow	Maintain exposure below the established PEL limits.
Protective Gloves:	Eye Protection:	
Waterproof gloves, rubber gloves are recommended.	Safety glasses with side shields recommended.	
Other Protective Clothing or Equipment: Avoid short sleeves and shorts to protect your skin from the alkalinity of the material.		
Work / Hygienic Practices: Wash contaminated clothing before reuse.		