

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET

Required For compliance with OSHA Act of 1970
Public Law 91-596 (CFR 1910)

SECTION I	
Product Name: Concrete	Size: N/A
Chemical Name: Concrete	Chemical Family: Carbonates/Silicates
Formula: Mixes: 2000, 2500, 3000, 3500, 3750, 4000, 4500, 5000	
Manufacturer: Rohrer's Quarry, Inc.	
Address: 16 Lititz Road, Lititz, PA. 17543	
For Information on Health Hazards Call: (717) 626-9786	
For Other Information Call: (717) 626-9786	
Signature and date: (4/86)	

SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES			
Principal Hazardous component(s)	CAS No.	%	TVL (Units)
May contain trace amounts of formaldehyde less than	N/A	0.5	2ppm
Portland Cement	65997-15-1	5-7	5 mg/m ³
Sand (as silica, silicates)		40-60	5 mg/m ³

SECTION III - PHYSICAL DATA			
Boiling Point (°F)	N/A	Specific Gravity (H ₂ O=1)	N/A
Vapor Pressure (mm Hg)	N/A	Percent Volatile By Volume (%)	N/A
Vapor Density (Air=1)	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in Water: Not soluble			
Appearance and Odor: grey semi-solid to white solid: slight odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (5 mg/m ³ F) Non-explosive/non flammable	Flammable Limits in Air (% by Vol.) N/A	Lower N/A	Upper N/A
Extinguisher Media: This material is noncombustible. Use extinguishing media appropriate to surrounding fire.		Auto ignition Temperature (°F) N/A	
Special Fire Fighting Procedures Do not expose skin or eyes to wet unhardened concrete. Be aware of runoff from fire control methods. Do not release wet unhardened concrete to sewers or waterways, as it will harden and obstruct.			
Explosion Hazards N/A			

SECTION V - HEALTH HAZARD DATA	
Threshold Limit Value: None established	
Effects of Overexposure: May cause slight irritation to skin	
Emergency and First Aid Procedures	
Eyes: Flush immediately and continuously with flooding amounts of water for a minimum of 15 min. Consult a physician immediately if irritation persists or later develops.	
Skin: Wash affected areas thoroughly with soap and water. Consult a physician immediately if irritation persists.	

SECTION VI - REACTIVITY DATA		
Stability	Unstable	Conditions to avoid
	Stable X	
Incompatibility (Materials to Avoid): N/A		
Hazardous Decomposition Products: N/A		
Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur: X	

SECTION VII - SPILL OR LEAK PROCEDURES	
Steps to be Taken in Case Material is Released or Spilled: Collect material as needed; follow standard good housekeeping procedures for the work place.	
Waste Disposal Method: Product may be salvaged or removed to an approved landfill area.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
Respiratory Protection (Specify type): N/A		
Ventilation	Local Exhaust: N/A	Special: N/A
	Mechanical (general): N/A	Other: N/A
Protective Gloves: Standard working gloves (fiber, rubber)	Eye protection: ANSI approved eye protection	
Other Protective clothing or Equipment: Approved Water resistant safety shoes		

SECTION IX - SPECIAL PRECAUTIONS	
Precautions to be Taken in Handling and Storing: N/A	
Other Precautions Material hardens when non-agitated.	