

Epoxy Systems, Inc.
Material Safety Data Sheet
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: EPOXY.COM #8101Fast Setting Underwater Repair Mortar

SECTION I

Manufacturer:	Epoxy Systems, Inc.	Emergency Number:	1-800-633-8253 PERS
Address:	20774 West Pennsylvania Ave Dunnellon, FL 34431	Telephone Number:	352-489-1666
		Date Prepared:	02/2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Portland Cement	65997-15-1	5 mg/m ³	(respirable dust)	
Silicon Dioxide	14808-60-7	10 mg/m ³	(respirable dust)	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O = 1):	2.20
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/A	Evaporation Rate:	N/A
Solubility in Water:	100%	(Butyl Acetate = 1)	
Appearance and Odor:	Gray powder		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A

Flammable Limits: LEL N/A UEL N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Moisture, will harden

Incompatibility: Silica will dissolve in hydro-fluoric acid and produce gas.

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None known

(OVER)

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** Yes **Skin?** No **Ingestion?** No

Health Hazards (*Acute and Chronic*): Alkaline nature of portland cement may cause skin irritation.

Carcinogenicity: NTP? Silica dust is probable carcinogen from inhalation **IARC Monographs?** Silica dust may be carcinogen if inhaled. Volume 68 **OSHA Regulated?** Not Regulated

Signs and Symptoms of Exposure: Skin irritation and mucous membrane irritation.

Medical Conditions Generally Aggravated by Exposure: Freshly mixed concrete grout or mortar may cause skin injury. Avoid contact with skin and wash exposed areas promptly with water.

Emergency and First Aid Procedures: If powder gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Scoop up to collection containers.

Waste Disposal Method: Mix with water.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Protect from moisture.

Other Precautions: Avoid breathing dust.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirator in confined areas.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Long sleeved shirts and pants.

Work/Hygienic Practices: Follow practices of good industrial hygiene.