

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

IDENTITY: Epoxy.com Product 1004 "A" Component

SECTION I

| | | | |
|----------------------|---|--------------------------|----------------|
| Manufacturer: | Epoxy Systems, Inc. | Emergency Number: | 1-800-633-8253 |
| Address: | 20774 W. Pennsylvania Ave. Dunnellon, FL 34431 | Telephone Number: | (352) 489-1666 |
| | | Date Prepared: | 6/2010 |

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components | CAS # | OSHA PEL | ACHIH TLV | Hazard Limits |
|-----------------------------|--------------|---------------------|------------------|----------------------|
| Portland Cement | 65997-15-1 | 5mg/m ³ | | (respirable dust) |
| Silica Sand | 14808-60-7 | 10mg/m ³ | | (respirable silica) |

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: Yes | Conditions to Avoid: Moisture will harden |
|-----------------------|--|

Incompatibility: Silica will dissolve in Hydro Fluoric Acid and produce gas.
Hazardous Decomposition or Byproducts: None
Hazardous Polymerization: Moisture will harden **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*): Cement when combined with body moisture and wet cement, especially as an ingredient in plastic (unhardened) concrete, can dry the skin and cause alkali burn. Cement dust can irritate the eyes and respiratory system. Chronic: Cement dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis. (Cement can contain traces of hexavalent chromium.) Alkaline nature of Portland cement may cause skin irritation.

Carcinogenicity: NTP? Silica dust is probable carcinogen fro 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 dust respirator

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.