

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

**IDENTITY: Epoxy.com Product 35 "A" Component**

---

**SECTION I**

**Manufacturer:** Epoxy Systems, Inc.      **Emergency Number: 1-800-633-8253**  
**Address:** 20774 West Pennsylvania Ave      **Telephone Number: 352-489-1666**  
Dunnellon, FL 34431      **Date Printed: 12/08**

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

---

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

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

---

**Boiling Point:** N/A      **Specific Gravity (H<sub>2</sub>O =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.

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

**IDENTITY: Epoxy.com # 35B**

**SECTION I**

**Manufacturer:** Epoxy Systems'™  
**Address:** 20774 West Pennsylvania Ave  
Dunnellon, FL 34431

**Emergency Number:** 1-800-633-8253  
**Telephone Number:** 352-489-1666  
**Date Printed:** 12/2008

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>Hazardous Components</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>Hazard Limits</b>	<b>%</b>
Butadiene		1000 ppm	<.1%	
Formaldehyde		3 ppm	<.1%	

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> >212° F	<b>Specific Gravity (H<sub>2</sub>O =1):</b> 1.01 - 1.03
<b>Vapor Pressure (mm Hg.):</b> as water	<b>Melting Point:</b> N/A
<b>Vapor Density (AIR = 1):</b> as water	<b>Evaporation Rate:</b> as water
<b>Solubility in Water:</b> Dispersible pH 10-11	<b>(Butyl Acetate = 1)</b>
<b>Appearance and Odor:</b> White liquid, slight odor	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** >200° F

**Flammable Limits:** LEL N/A UEL N/A

**Extinguishing Media:** Water, carbon dioxide, dry chemical

**Special Fire Fighting Procedures:** Self-contained breathing apparatus should be worn.

**Unusual Fire and Explosion Hazards:** None known

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:**

**Incompatibility:** None known

**Hazardous Decomposition or Byproducts:** Low molecular weight, hydrocarbons may be formed

**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?** Yes

**Health Hazards (*Acute and Chronic*):** May cause skin irritation, eyes may cause slight irritation and rash.

**Carcinogenicity:** NTP? No                      IARC Monographs? No                      OSHA Regulated? No

**Signs and Symptoms of Exposure:** see above.

**Medical Conditions Generally Aggravated by Exposure:** None known

**Emergency and First Aid Procedures:** Skin -Wash with soap and water. Wash contaminated clothing before reuse. Eyes - Flush with water for at least 15 minutes. Inhalation: Remove to fresh air. Ingestion: Do not induce vomiting. Seek medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in Case Material Is Released or Spilled:** Clean up with water before allowing to dry. Absorb with sand and shovel to solid waste disposal.

**Waste Disposal Method:** Dispose of in accordance with Federal, State, and Local regulations.

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

**Other Precautions:** Follow OSHA standards for handling Portland cement, concrete or grout.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** NIOSH approved organic respirators in enclosed areas.

**Ventilation:** Mechanical (General) Good general ventilation.

**Protective Gloves:** Rubber Gloves                      **Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Clean work clothing to prevent skin contact.

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