

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

IDENTITY: EPOXY.COM #1201 Zinc Rich Primer

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:	12/2010

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>%</u>
Zinc Oxide	1314-13-2	10 mg/m ³	10 mg/m ³	3
Zinc Metal	7440-66-6	N/D	N/D	62
Calcium Naphthenate	61789-36-4	N/D	N/D	.3
Tetraethylorthosilicate	78-10-4	N/D	100 ppm	1
Mineral Spirits	64741-41-9	100 ppm	100 ppm	16

HMIS Hazard Code Health : 2 Flammability : 1 Reactivity : 0

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/D	Specific Gravity (H₂O =1):	1.48
Vapor Pressure (mm Hg.):	N/D	Melting Point:	N/A
Vapor Density (AIR = 1):	N/D	Evaporation Rate:	N/A
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Grey liquid, slightly pungent		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 104°F (TCC)	Flammable Limits: LEL	N/D	UEL	N/D
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Extinguishing Media: Foam, CO₂, dry chemical, use water spray to cool containers

Special Fire Fighting Procedures: SCBA equipment, protective clothing, isolate from heat, do not spread burning material with water

Unusual Fire and Explosion Hazards: Some ingredients may produce a floating fire, thermal decomposition may produce carbon monoxide or carbon dioxide gas.

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to Avoid:

Incompatibility: Acids, alkalies

Hazardous Decomposition or Byproducts: CO², CO are released upon burning

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation: Yes

Skin: Yes

Ingestion: No

Health Hazards (*Acute and Chronic*): Acute exposure may cause nausea and vomiting. Irritation to eyes. Chronic exposure may cause dermatitis.

Carcinogenicity: NTP: Not Listed

IARC Monographs: Not Listed

OSHA Regulated: Not Listed

Signs and Symptoms of Exposure: Redness in eyes, dizziness, nausea, tightness in chest, headaches.

Medical Conditions Generally Aggravated by Exposure: Prolonged exposure may cause liver or kidney disease.

Emergency and First Aid Procedures: Induce vomiting. Flush eyes with water for at least 15 mins.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Stop spreading by man made dike of chemical absorbent. Evacuate unnecessary personnel. Remove ignition sources. Shovel material with non sparking tools.

Waste Disposal Method: Dispose material in accordance with Federal, State and local regulations.

Precautions to Be Taken in Handling and Storing: Use safety goggles, chemical protective coating. Avoid areas of heat or ignition sources.

Other Precautions: Avoid prolonged skin contact and breathing of vapors.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved, organic vapor mask.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Chemical resistant, use protective creams.

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