

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

IDENTITY: Epoxy.com product #1200 Epoxy Zinc Rich Primer "A" Component

SECTION I

Manufacturer:	Epoxy Systems, Inc.	Emergency Number:	1-800-633-8253 (PERS)
Address:	20774 W. Pennsylvania Ave. Dunnellon, FL 34431	Telephone Number:	352-489-1666
		Date Prepared:	2/2010

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>	<u>%</u>
Zinc Dust	7440-66-6	N/A			
Epoxy Resin	25036-25-3	N/D			
Xylene	1330-20-7	100 ppm		5.0	
Methy Isobutyl Ketone	108-101	100 ppm		1.5	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/D	Specific Gravity (H₂O = 1):	3.0
Vapor Pressure (mm Hg.):	N/D	Melting Point:	N/A
Vapor Density (AIR = 1):	>1	Evaporation Rate:	N/D
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Gray liquid, aromatic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 84°F (TCC)	Flammable Limits:	LEL	N/A	UEL	N/A
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Extinguishing Media: Foam, CO₂, dry chemical, water fog

Special Fire Fighting Procedures: Wear, self-contained breathing apparatus. Cool exposed containers with water stream.

Unusual Fire and Explosion Hazards: None known

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Heat, open flame.
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Incompatibility: Acids or strong oxidizes.

Hazardous Decomposition or Byproducts: CO, CO₂

Hazardous Polymerization: Will Not Occur	Conditions to Avoid: None known
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PRODUCT #1200 "A"

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation:** Yes **Skin:** Yes **Ingestion:** Yes

Health Hazards (*Acute and Chronic*): Xylene vapors can cause narcosis, nausea, headache, dizziness, mildly irritating to eyes and skin.

Carcinogenicity: NTP: N/D IARC Monographs: N/D OSHA Regulated: Xylene MIBK

Signs and Symptoms of Exposure: Skin irritation, headache, nausea, dizziness.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: Eyes: Flush with water for at least 15 minutes. Skin: Wash thoroughly with soap and water. Inhalation: Remove victim to fresh air. Ingestion: Do not induce vomiting.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Dike to confine liquid. Soak up residue with absorbent to receive in proper sealed containers.

Waste Disposal Method: Remove to a state approved hazardous waste disposal facility.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Avoid breathing vapors. Store in cool area away from sparks and open flame.

Other Precautions: None

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic cartridge respirator.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Impervious Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: None

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

Epoxy Systems, Inc.
Material Safety Data Sheet
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29 CFR 1910.1200.

IDENTITY: Epoxy.com PRODUCT #1200 Epoxy Zinc Rich Primer "B" Component

SECTION I

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

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACHIH TLV</u>	<u>Hazard Limits</u>	<u>%</u>
Polyamide Resin Solution	68410-23-1	N/E			
Xylene	1330-20-7	100 ppm			

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/D	Specific Gravity (H₂O =1):	.85
Vapor Pressure (mm Hg.):	6	Melting Point:	N/A
Vapor Density (AIR = 1):	3.7	Evaporation Rate:	N/D
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Tan liquid, aromatic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 80°F (Tag Closed Cup) **Flammable Limits:** Xylene LELN/A **UEL** N/A

Extinguishing Media: Foam, CO₂, dry chemical, water fog

Special Fire Fighting Procedures: Where self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: Handle as a flammable liquid.

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** None

Incompatibility: Avoid contact with strong oxidizing agents

Hazardous Decomposition or Byproducts: Oxides of Nitrogen, Carbon monoxide

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

(OVER)

Epoxy.com PRODUCT #1200 "B" comp

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards (Acute and Chronic): Heat could cause release of polyamines which can cause sensitivity or irritation.

Carcinogenicity: NTP: Not Listed IARC Monographs: Not Listed OSHA Regulated: No

Signs and Symptoms of Exposure: Inhalation of solvent vapors can cause nausea, headache, dizziness, and irritation to skin and eyes.

Medical Conditions Generally Aggravated by Exposure: Skin and mucous membrane irritation.

Emergency and First Aid Procedures: Eyes: Flush immediately for at least 15 minutes. Skin: Wash thoroughly with soap and water. Inhalation: Remove victim to fresh air. Skin: Wash with soap and water. Eyes: Flush with water for at least 15minutes. Ingestion: Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Take up with absorbent material and place in tight containers. Seal for proper disposal. Keep out of surface waters and any water sources or sewers.

Waste Disposal Method: Remove to state approved hazardous waste facility for disposal.

Precautions to Be Taken in Handling and Storing: Keep containers closed. Avoid breathing vapor. sto

Other Precautions: Handle as a flammable liquid. Keep away from heat and open flame.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved respiratory protection.

Ventilation: Mechanical (General) Ventilation needed where vapors are present.

Protective Gloves: Impervious gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Long pants & long sleeved clean clothing.

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