

Epoxy Systems, Inc.
20774 West Pennsylvania Ave
Dunnellon, FL 34431
Phone 352-489-1666
Material Safety Data Sheet
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: EPOXY.COM#215 LVOC "A" Component

SECTION I

Manufacturer: Epoxy Systems, Inc. **Emergency Number:** 1-800-633-8253 PERS
Address: 20774 West Pennsylvania Ave **Telephone Number:** 352-489-1666
Dunnellon, FL 34431
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>
Methyl Isobutyl Ketone	108-10-1		100 ppm		
Petroleum Solvent	64742-94-5		100 ppm		
Xylene	1330-20-7		100 ppm		
Green Ion Oxide	1308-38-9		N/E		
Epoxy Resin	25036-25-6		N/E		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 240 ° F **Specific Gravity (H₂O =1):** 1.2
Vapor Pressure (mm Hg.): 40 mmHg **Melting Point:** N/A
Vapor Density (AIR = 1): 3.45 **Evaporation Rate:** <1
Solubility in Water: Insoluble **(Butyl Acetate = 1)**
Appearance and Odor: Green liquid, solvent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 80°F PM Closed Cup **Flammable Limits:** **LEL N/D** **UEL N/D**
Extinguishing Media: Dry chemical, CO₂, foam, water spray
Special Fire Fighting Procedures: Self-contained breathing apparatus should be worn in confined areas.
Unusual Fire and Explosion Hazards: Flammable vapors form explosive mixtures with air

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Heat or open flame
Incompatibility: Acids, alkalis
Hazardous Decomposition or Byproducts: Carbon monoxide
Hazardous Polymerization: Will not occur **Conditions to Avoid:**

(OVER)

EPOXY.COM #215 LVOC“A” Comp. cont

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Solvent blend can be irritating to eyes and respiratory tract. Moderately toxic when ingested.

Carcinogenicity: **NTP:** Not listed **IARC Monographs:** Not listed **OSHA Regulated:** Not listed

Signs and Symptoms of Exposure: Vapor may cause headaches and dizziness and nausea

Medical Conditions Generally Aggravated by Exposure: Skin irritation

Emergency and First Aid Procedures: Skin: Flush with soap and water. Eyes: Flush with water for at least 15 minutes. Seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Remove source of ignition. Soak up with absorbent materials.

Waste Disposal Method: Burn in approved incinerator in compliance with Federal, State, and local regulations

Precautions to Be Taken in Handling and Storing: Keep containers closed. Keep in cool area

Other Precautions: Avoid breathing vapors

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respiratory in confined areas.

Ventilation: Mechanical (General): Good general ventilation

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Long sleeve clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

Epoxy Systems, Inc.
20774 West Pennsylvania Ave
Dunnellon, FL Phone
352-489-1666
Material Safety Data Sheet
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: EPOXY.COM#215 LVOC“B” Component

SECTION I

Manufacturer:	Epoxy Systems, Inc.	Emergency Number:	1-800-633-8253
Address:	20774 West 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>
Xylene	1330-20-7		100 ppm		
Petroleum Solvent	64742-94-5		100 ppm		
Propylene Glycol Methyl Ether	107-98-2		100 ppm		
Polyamid Resin	68410-23-1		N/E		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 240° F	Specific Gravity (H₂O = 1): 1.44
Vapor Pressure (mm Hg.): 40 mm Hg	Melting Point: N/A
Vapor Density (AIR = 1): 3.2	Evaporation Rate: <1 (Butyl Acetate = 1)
Solubility in Water: Negligible	
Appearance and Odor: Amber liquid, aromatic odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 80°F PM Closed Cup	Flammable Limits:	LEL	N/D	UEL	N/D
Extinguishing Media: Foam, CO ₂ , dry chemical					
Special Fire Fighting Procedures: Wear self-contained breathing apparatus in enclosed areas					
Unusual Fire and Explosion Hazards: Fire hazard when exposed to open flame					

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Heat or open flame
Incompatibility: Acids, alkalines	
Hazardous Decomposition or Byproducts: Carbon monoxide	
Hazardous Polymerization: Will not occur	Conditions to Avoid:

(OVER)

EPOXY.COM#215 LVOC“B” Comp. cont

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Solvent blend can be irritating to eyes and respiratory tract. Moderately toxic when ingested.

Carcinogenicity: NTP: Not listed IARC Monographs: Not listed OSHA Regulated: Not listed

Signs and Symptoms of Exposure: Vapor may cause headaches and dizziness and nausea

Medical Conditions Generally Aggravated by Exposure: Skin irritation

Emergency and First Aid Procedures: Skin: Flush with soap and water. Eyes: Flush with water for at least 15 minutes. Seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Remove source of ignition. Soak up with absorbent materials.

Waste Disposal Method: Burn in approved incinerator in compliance with Federal, State, and local regulations

Precautions to Be Taken in Handling and Storing: Keep containers closed. Keep in cool area

Other Precautions: Avoid breathing vapors

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respiratory in confined areas.

Ventilation: Mechanical (General): Good general ventilation

Protective Gloves: Rubber gloves

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Long sleeve clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established