

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

IDENTITY: Epoxy.com Product #250 Coating (Gray) "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:	12/2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Epoxy Resin	025085-99-8	N/E		
Silicon Dioxid 14808-60-7		10	mg/m ³	
Titanium Dioxide 13463-67-7		10	mg/m ³	

NOTE: It is very unlikely that normal work operations with PRODUCT #250"A" Component could produce concentrations that are harmful to humans.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H₂O =1):	1.2
Vapor Pressure (mm Hg.):	N/A	Melting Point:	N/A
Vapor Density (AIR = 1):	N/A	Evaporation Rate:	N/A
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Gray liquid, mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 480° F (PMCC)

Flammable Limits: LEL N/D UEL N/D

Extinguishing Media: Foam, dry chemical, CO₂

Special Fire Fighting Procedures: Wear positive pressure, self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

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

Incompatibility: Oxidizing agents

Hazardous Decomposition or Byproducts: Carbon monoxide

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

(OVER)

PRODUCT #250 "A" comp.

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (*Acute and Chronic*): May cause eye irritation. Can cause allergic skin response. No hazards anticipated from ingestion incidental to industrial exposure.

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

Signs and Symptoms of Exposure: Skin or eye irritation or sensitization.

Medical Conditions Generally Aggravated by Exposure: None known

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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Soak up with absorbent materials, such as sand, and collect in suitable containers.

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 of heated materials.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None normally needed.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean work clothing.

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
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: Epoxy.com Product #250 Coating (Gray) "B" Component

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: 12/2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>Hazard Limits</u>	<u>%</u>
Modified Cycloaliphatic Polyamine	N/E			
Amorphous Silica	112945-52-5	10	mg/m ³	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/D	Specific Gravity (H₂O =1): 1.0
Vapor Pressure (mm Hg.): N/D	Melting Point: N/D
Vapor Density (AIR = 1): N/D	Evaporation Rate: N/D
Solubility in Water: Slight	(Butyl Acetate = 1)
Appearance and Odor: Straw colored liquid, mild odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 220° F (PMCC)

Flammable Limits: LEL N/D UEL N/D

Extinguishing Media: Foam, dry chemical, CO₂

Special Fire Fighting Procedures: Self-contained breathing apparatus should be worn in confined areas.

Unusual Fire and Explosion Hazards: Toxic fumes will be evolved when this material is involved in a fire.

SECTION V - REACTIVITY DATA

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

Incompatibility: Strong oxidizing agents

Hazardous Decomposition or Byproducts: CO², CO, Oxides of nitrogen

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

(OVER)

PRODUCT #250LV "B" comp

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation:** Yes **Skin:** Yes **Ingestion:** Yes
Health Hazards (Acute and Chronic): May cause burns to skin and eyes. High concentrations of vapor can cause severe irritation of eyes and respiratory tract. Prolonged exposure may cause asthma and skin sensitization or other allergic response.

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

Signs and Symptoms of Exposure: Skin irritation.

Medical Conditions Generally Aggravated by Exposure: Not known.

Emergency and First Aid Procedures: Skin - Flush with soap and water. Eyes - Flush with water for at least 15 minutes. Seek medical attention. Ingestion - Do not induce vomiting. Get prompt medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Avoid contact. Stop spill at source. For small amounts, react with "A" Component to harden. For larger amounts, contain with absorbent and scoop up to disposal container.

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: Prevent all skin and eye contact. Avoid breathing vapors.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirator in confined areas.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Clean work clothing.

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

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established