

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

**IDENTITY: Epoxy.com Product #255Coating (Gray) "A" Component**

**SECTION I**

<b>Manufacturer:</b>	Epoxy Systems, Inc.	<b>Emergency Number:</b>	1-800-633-8253 (PERS)
<b>Address:</b>	20774 West Pennsylvania Ave	<b>Telephone Number:</b>	352-489-1666
	Dunnellon, FL 34431	<b>Date Prepared:</b>	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>
Epoxy Resin	025085-99-8	N/E		
Silicon Dioxide	14808-60-7	10	mg/m <sup>3</sup>	
Titanium Dioxide	13463-67-7	10	mg/m <sup>3</sup>	

NOTE: It is very unlikely that normal work operations with PRODUCT #255 "A" Component could produce concentrations that are harmful to humans.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.2
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	Slight	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	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, CO<sub>2</sub>

**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 #255 "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 #255Coating (Gray) "B" Component

**SECTION I**

<b>Manufacturer:</b> Epoxy Systems, Inc.	<b>Emergency Number:</b> 1-800-633-8253 (PERS)
<b>Address:</b> 20774 West Pennsylvania Ave Dunnellon, FL 34431	<b>Telephone Number:</b> 352-489-1666
	<b>Date Prepared:</b> 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 <sup>3</sup>	

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> N/D	<b>Specific Gravity (H<sub>2</sub>O =1):</b> 1.0
<b>Vapor Pressure (mm Hg.):</b> N/D	<b>Melting Point:</b> N/D
<b>Vapor Density (AIR = 1):</b> N/D	<b>Evaporation Rate:</b> N/D
<b>Solubility in Water:</b> Slight	<b>(Butyl Acetate = 1)</b>
<b>Appearance and Odor:</b> 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, CO<sub>2</sub>

**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:** CO<sup>2</sup>, CO, Oxides of nitrogen

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

(OVER)

**PRODUCT #255"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