

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

IDENTITY: EPOXY.COM #954 Joint Sealant "A" 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:	5/2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Coal Tar Pitch	65996-93-2	N/A		35%
Polyurethane Prepolymer		2 ppm		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/E	Specific Gravity (H₂O =1):	1.05
Vapor Pressure (mm Hg.):	N/E	Melting Point:	N/A
Vapor Density (AIR = 1):	<1	Evaporation Rate:	<1
Solubility in Water:	Slight	(Butyl Acetate = 1)	
Appearance and Odor:	Black viscous liquid, slight aromatic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 200°F Closed Cup **Flammable Limits: LEL** N/A **UEL** N/A

Extinguishing Media: CO₂, dry chemical, foam

Special Fire Fighting Procedures: Use self contained breathing apparatus

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

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

Incompatibility: Oxidizer such as liquid chlorine, nitric acid

Hazardous Decomposition or Byproducts: Carbon Monoxide, CO₂

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

(OVER)

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): May cause irritation to skin, eyes, and respiratory tract. Long term exposure to coal tar may affect skin pigmentation

Carcinogenicity: NTP? Yes **IARC Monographs?** Yes **OSHA Regulated?** Not Regulated

Signs and Symptoms of Exposure: Over exposure to vapors can cause headache, dizziness or nausea. Skin contact may cause dermatitis.

Medical Conditions Generally Aggravated by Exposure: Allergic skin response.

Emergency and First Aid Procedures: Skin - Wash thoroughly with soap and water. Eyes - Immediately flush with large amounts of water. Inhalation: Move victim to fresh air. Seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Broadcast sand to contain spill, collect and remove for disposal.

Waste Disposal Method: Incinerate in approved landfill in accordance with Federal, State and local regulations.

Precautions to be taken in Handling and Storing: Keep in cool, dry area. Keep containers closed.

Other Precautions: Avoid breathing of vapors. Keep container tightly closed. Wash contaminated clothing before reuse.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic cartridge respirator

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Barrier creams, long sleeve clothing

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

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

IDENTITY: EPOXY.COM #954 Joint Sealant "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:	5/2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	Hazard Limits	%
Coal Tar Pitch	65996-93-2	.2mg/m ³		62%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	446°F	Specific Gravity (H₂O =1):	1.13
Vapor Pressure (mm Hg.):	<7.5 ⁻⁵ mmHg	Melting Point:	32°F
Vapor Density (AIR = 1):	N/E	Evaporation Rate:	N/A
Solubility in Water:	Reacts slowly with water	(Butyl Acetate = 1)	
Appearance and Odor:	Clear pale yellow liquid, slight odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 450°F **Flammable Limits: LEL** N/D **UEL** N/D

Extinguishing Media: CO₂, dry chemical

Special Fire Fighting Procedures: Self contained breathing apparatus should be worn. During a fire, MDO vapors and other irritating highly toxic gases may be generated by thermal decomposition

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:**

Incompatibility: Water, oxidizers

Hazardous Decomposition or Byproducts: Hydrogen chloride, carbon monoxide

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

(OVER)

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Chronic exposure may lead to skin irritation. Allergic sensitization of the respiratory tract may occur, producing shortness of breath and coughing.

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

Signs and Symptoms of Exposure: Over exposure to vapors can cause headache, dizziness or nausea. Skin contact may cause dermatitis

Medical Conditions Generally Aggravated by Exposure: Allergic skin response

Emergency and First Aid Procedures: Skin - Wash thoroughly with soap and water. Eyes - Immediately flush with large amounts of water for 15 minutes. Inhalation: Move victim to fresh air. Seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Broadcast sand to contain spill. Collect and remove for disposal.

Waste Disposal Method: Incinerate in approved landfill in accordance with Federal, State and local regulations.

Precautions to be taken in Handling and Storing: Keep in cool, dry area. Keep containers closed.

Other Precautions: Avoid breathing vapors. Wash contaminated clothing before reuse. Remove product from skin with vegetable oil, wear barrier cream, wash after handling.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic cartridge respirator

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Barrier creams, long sleeve clothing

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