

# JP-71SL Liquid Structural Epoxy

## COMPONENT A

### SECTION I - Identification

**Product Name:** JP-71SL Structural Liquid Epoxy

**Emergency Number:** 301-908-7562

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>Hazard Limits</u>	<u>%</u>
Epoxy Resin	025085-99-8			

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** N/A

**Specific Gravity (H<sub>2</sub>O = 1):** 1.15

**Solubility in Water:** Slight (Butyl Acetate = 1)

**Vapor Pressure (mm Hg.):** N/A

**Melting Point:** N/A

**Appearance and Odor:** Yellow liquid, mild odor

**Vapor Density (AIR = 1):** N/A

**Evaporation Rate:** N/D

### 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, CO<sub>2</sub>, dry chemical

**Unusual Fire and Explosion Hazards:** None known

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

### SECTION V - REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** Relatively non-reactive

**Incompatibility:** N/A

**Hazardous Decomposition or Byproducts:** Carbon dioxide, carbon monoxide

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** None known

### SECTION VI - HEALTH HAZARD DATA

**Route(s) of Entry:** Inhalation? Yes 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? N/D **IARC Monographs?** N/D **OSHA Regulated?** Not regulated

**Signs and Symptoms of Exposure:** See above.

**Medical Conditions Generally Aggravated by Exposure:** Skin sensitization

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

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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

**Waste Disposal Method:** Burn in adequate incinerator or bury in approved landfill in accordance with Federal, State and Local regulations.

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

**Other Precautions:** Avoid breathing vapors of heated materials.

### SECTION VIII - CONTROL MEASURES

**Respiratory Protection:** NIOSH approved organic cartridge when spraying materials.

**Ventilation:** Mechanical (General) Good general ventilation.

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Long sleeved clothing

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

N/A = Not Applicable N/D = Not Determined N/E = Not Established

# JP-71SL Liquid Structural Epoxy

## COMPONENT B

### SECTION I - Identification

**Product Name:** JP-71SL Structural Liquid Epoxy

**Emergency Number:** 301-908-7562

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>Hazard Limits</u>	<u>%</u>
Modified Poly Amine		N/E		

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** Unknown

**Specific Gravity (H<sub>2</sub>O =1):** .97

**Solubility in Water:** Slight (Butyl Acetate = 1)

**Vapor Pressure (mm Hg.):** <1 mm Hg

**Melting Point:** N/A

**Appearance and Odor:** Dark liquid, amine odor

**Vapor Density (AIR = 1):** 6.53

**Evaporation Rate:** N/A

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 265°F PMCC

**Flammable Limits:** Xylene LELN/A UEL N/A

**Extinguishing Media:** CO<sub>2</sub>, dry chemical, water fog

**Special Fire Fighting Procedures:** Use a positive pressure self-contained breathing apparatus.

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

### SECTION V - REACTIVITY DATA

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

**Incompatibility:** Acids, bases

**Hazardous Decomposition or Byproducts:** Nitrogen oxides when buried.

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

### SECTION VI - HEALTH HAZARD DATA

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

**Health Hazards (Acute and Chronic):** May cause severe injury to skin following prolonged or repeated contact. May cause allergic responses. Ingestion may cause burns of the throat.

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

**Signs and Symptoms of Exposure:** Irritation to skin and eyes.

**Medical Conditions Generally Aggravated by Exposure:** Skin irritation.

**Emergency and First Aid Procedures:** **Eyes:** Flush with copious amounts of water for at least 15mins. **Skin:** Wash thoroughly with soap and water. **Ingestion:** Do not induce vomiting.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to Be Taken in Case Material Is Released or Spilled:** Contain spill. Broadcast absorbent material. Collect in suitable containers.

**Waste Disposal Method:** Incinerate in accordance with Federal, State and Local regulations.

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

**Other Precautions:** Avoid breathing vapors.

### 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.