

# JP-70LV Consolidating Epoxy

## COMPONENT A

### SECTION I - Identification

**Product Name:** JP-70LV Low Viscosity Consolidating 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): 1.10                      Solubility in Water: Slight (Butyl Acetate = 1)  
Vapor Pressure (mm Hg.): N/A                      Melting Point: N/A                      Appearance and Odor: Clear yellowish 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-70LV Consolidating Epoxy

## COMPONENT B

### SECTION I - Identification

**Product Name:** JP-70LV Low Viscosity Consolidating 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: Amber 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: LEL: N/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.