

**FOR CHEMICAL
EMERGENCY**
Call Chem-Tel
1-800-255-3924
24 hrs./7days per week
Outside US Call
1-813-248-0585

MATERIAL SAFETY DATA SHEET

FIVE STAR PRODUCTS, INC.
750 Commerce Drive
Fairfield, CT 06825
203-336-7900
Issue Date: 5/19/14



EMERGENCY TELEPHONE NO. 1-(800) 255-3924

SECTION I - Product Identification: EPOXY PRIMER / COMPONENT A

SECTION II - Hazardous Ingredients/Identify Information

<u>Components:</u>	<u>C.A.S. No.:</u>	<u>LD 50(Oral):</u>	<u>LD 50(Dermal):</u>	<u>Other Limits:</u>
Aromatic Alcohol	Trade Secret	1230 mg/kg (rat)	2000 mg/kg (rat)	N/A
Epoxy Resin	25068-38-6	>2000 mg/kg	>2000 mg/kg	N/A
Air Release Additive	Trade Secret	>2000 mg/kg	N/A	N/A

SECTION III: - Physical/Chemical Characteristics

<u>Boiling Point:</u> >405 °F (207 °C)	<u>Specific Gravity</u> (H ₂ O = 1):	1.14 g/cm
<u>Vapor Pressure</u> (mm Hg.): N/A	<u>Melting Point</u> (°F):	N/A
<u>Vapor Density</u> : (AIR = 1): N/A	<u>Evaporation Rate:</u>	N/A
<u>Viscosity:</u> 150-2000 cps		(Butyl Acetate = 1)
<u>Solubility in Water:</u> Insoluble	<u>Appearance and Odor:</u>	Clear Liquid /Slight Aromatic Odor
<u>Volume Solids</u> : 100%	<u>VOC:</u> 0.0 lbs/gal (gms/l)	

SECTION IV - Fire and Explosion Hazard Data

Flash Point: 93°C (199.4°F) Closed Cup. Flammable Rating: C1 Combustible LEL: N/A, UEL: N/A.
Extinguishing Media: Foam, CO₂, Dry Chemical, limestone powder. Do not use high pressure water.
Special Fire Fighting Procedures: Fire-fighters should wear self-contained breathing apparatus to avoid inhalation of acrid smoke and irritating fumes.
Unusual Fire and Explosion Hazards: Incomplete combustion products produce soot and carbon monoxide.

SECTION V - Reactivity Data

Stability: **Unstable:** () **Stable:** (X)

Conditions to Avoid: Amine compounds under uncontrolled conditions. Incompatibility (Materials to Avoid): Strong oxidizing agents. Hazardous Decomposition or Byproducts: CO, CO₂, smoke, unburned hydrocarbons.
Hazardous Polymerization: Unlikely.

SECTION VI - Health Hazard Data

Routes of Entry: **Inhalation:** Yes. **Skin:** Yes. **Ingestion:** Yes. Health Hazards (Acute and Chronic): Oral LD50 (RAT) > 2,000 mg/kg, Dermal LD50 (RABBIT) > 2,100 mg/kg Skin Irritation: Moderate Eye Irritation: Moderate Sensitization May cause sensitization Overexposure Effects Irritation, sensitization and dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Sensitization.

EMERGENCY AND FIRST AID PROCEDURES: Remove patient from area. Eyes: Immediately flush eyes with water for at least 15 minutes. **Call a physician.** Skin: Promptly wash with mild soap and water. Ingestion: If conscious, give large quantities of water. Induce vomiting. **Call a physician.** Inhalation: Remove to fresh air. Give oxygen if breathing is difficult. **Call a physician.** Other: Promptly remove contaminated clothing. Wash before reuse.

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SECTION VII - Precautions for Safe Handling and Use

Steps To Be Taken in Case Material is Released or Spilled: Ventilate area. Absorb spill with suitable absorbent material and place into a closed container. For large spills, dike area and pump into closed container. Prevent this material from entering waterways. Wear protective equipment during cleanup. Waste Disposal Method: At this time, this material or its containers are not considered hazardous wastes as defined under the Federal RCRA Regulations (40 CFR 261) if discarded. Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current Federal, state and local regulation. For further information, contact your state or local waste agency, the United States Environmental Protection Agency's RCRA hotline **(1-800-424-9346) or (202-382-3000)**. Precautions To Be Taken in Handling and Storing: Wear protective clothing, eye protection and gloves. Other Precautions: None.

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SECTION VIII - Control Measures

Respiratory Protection: Should be worn to avoid breathing spray mist and heated vapors. Ventilation: Local exhaust and general ventilation recommended. Mechanical (General): As needed. Protective Gloves: Chemical-resistant plastic or rubber. Eye Protection: Chemical goggles or full face mask. Other Protective Clothing or Equipment: Wear protective equipment. Work/Hygienic Practices: Avoid skin contact. Practice good hygiene. Do not let contaminated clothing contact skin.

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SECTION IX - Transportation Information

DOT – Not regulated.
TDG – Not regulated.
IMDG – Not regulated.
IATA – Not regulated.

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SECTION X – Regulatory Information

CALIFORNIA PROPOSITION 65: Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986: This product does not contain known levels of any chemical known to the state of California to cause cancer or cause reproductive damage.
OSHA – Not Hazardous
IARC – Not carcinogenic
TOXIC SUBSTANCES CONTROL ACT (TSCA)-All components of this product are registered under the regulations of The Toxic Substances Control Act. EPA SARA Title III Section 312 (40CFR370) hazard class - Acute Hazard. EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "deminimis" level are None. Not a hazardous waste under RCRA (40 CFR 261).

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SECTION XI – Other Information

HMIS: Health = 2 Fire = 2 Reactivity = 0 Personal Protection = H

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<u>Components:</u>	<u>C.A.S. No.:</u>	<u>LD 50(Oral):</u>	<u>LD 50(Dermal):</u>	<u>Other Limits:</u>
Aromatic Alcohol	Trade Secret	1230 mg/kg (rat)	2000 mg/kg (rat)	N/A
Epoxy Curing Agent	Trade Secret	N/A	N/A	N/A
Aliphatic Amine Mixture	Trade Secret	3990 mg/kg (rat)	660 mg/kg (rat)	N/A
Aromatic Amine	Trade Secret	1200 mg/kg (rat)	1280 mg/kg (rat)	N/A

SECTION III: - Physical/Chemical Characteristics

<u>Boiling Point:</u> >405 °F (207 °C)	<u>Specific Gravity</u> (H ₂ O = 1):	1.00 g/cm
<u>Vapor Pressure</u> (mm Hg.): N/A	<u>Melting Point</u> (°F):	N/A
<u>Vapor Density</u> : (AIR = 1): N/A	<u>Evaporation Rate:</u>	N/A
<u>Viscosity:</u> 50-150 cps		(Butyl Acetate = 1)
<u>Solubility in Water:</u> Insoluble	<u>Appearance and Odor:</u>	Amber Liquid /Slight Ammonia Odor
<u>Volume Solids:</u> 100%	<u>VOC:</u>	0.0 lbs/gal (gms/l)

SECTION IV - Fire and Explosion Hazard Data

Flash Point: 93°C (199.4°F) Closed Cup. Flammable Rating: C1 Combustible LEL: N/A, UEL: N/A.
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Unusual Fire and Explosion Hazards: Incomplete combustion products produce soot and carbon monoxide.

SECTION V - Reactivity Data

Stability: Unstable: () Stable: (X)

Conditions to Avoid: Amine compounds under uncontrolled conditions. Incompatibility (Materials to Avoid): Strong oxidizing agents. Hazardous Decomposition or Byproducts: CO, CO₂, smoke, unburned hydrocarbons.
Hazardous Polymerization: Unlikely.

SECTION VI - Health Hazard Data

Routes of Entry: Inhalation: Yes. Skin: Yes. Ingestion: Yes. Health Hazards (Acute and Chronic): Oral LD50 (RAT) > 2,000 mg/kg, Dermal LD50 (RABBIT) > 2,100 mg/kg Skin Irritation: Moderate Eye Irritation: Moderate
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SECTION VIII - Control Measures

Respiratory Protection: Should be worn to avoid breathing spray mist and heated vapors. Ventilation: Local exhaust and general ventilation recommended. Mechanical (General): As needed. Protective Gloves: Chemical-resistant plastic or rubber. Eye Protection: Chemical goggles or full face mask. Other Protective Clothing or Equipment: Wear protective equipment. Work/Hygienic Practices: Avoid skin contact. Practice good hygiene. Do not let contaminated clothing contact skin.

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SECTION IX - Transportation Information

	UN/NA #	Proper Shipping Name	Class / Packing Group	
DOT –	2735	PolyAmines,Liquid, Corrosive, N.O.S.	8	III
TDG –	2735	PolyAmines,Liquid, Corrosive, N.O.S.	8	III
IMDG –	2735	PolyAmines,Liquid, Corrosive, N.O.S.	8	III
IATA –	2735	PolyAmines,Liquid, Corrosive, N.O.S.	8	III

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SECTION X – Regulatory Information

CALIFORNIA PROPOSITION 65: Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986: This product does not contain known levels of any chemical known to the state of California to cause cancer or cause reproductive damage.

OSHA – Not Regulated

IARC – Not classified

TOXIC SUBSTANCES CONTROL ACT (TSCA)-All components of this product are registered under the regulations of The Toxic Substances Control Act. EPA SARA Title III Section 312 (40CFR370) hazard class - Acute Hazard. EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are None. Not a hazardous waste under RCRA (40 CFR 261).

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SECTION XI – Other Information

HMIS: Health = 3 Fire = 1 Reactivity = 0 Personal Protection = H

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