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READ THIS MATERIAL SAFETY DATA SHEET BEFORE USING THIS PRODUCT. ASK YOUR SUPERVISOR FOR ASSISTANCE IF YOU DO NOT UNDERSTAND ANY PART OF IT.

MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

Product Name: GS 561 Epoxy Base – Blue
Chemical Family: Bisphenol A Diglycidyl Ether Polymer
Product Code: GS 561

Chemical Name: N/A
Synonyms: Epoxy Resin

2. HAZARDOUS INGREDIENTS

Material	CAS Number	Contents % w/w	Hazard Data
Epoxy Resin Liquid Polymer	25068 – 38 -6	50 – 80%	OSHA PEL: Not Established ACGIH TLV: Not Established
P-tertbutylphenyl glycidyl ether	31101 – 60 - 8	5 - 10%	OSHA PEL: Not Established

*****DOES NOT CONTAIN CARCINOGENS*****

3. PHYSICAL DATA

Appearance: Blue, sl. Gelled viscous liquid	Vapor Pressure: N/A	Vapor Density: N/A
Solubility in Water: None	Odor: Sweet Characteristic of Epoxy	
Specific Gravity: 1.15	Density at 20OC: 9.6 lbs/gallon	Viscosity: Sl. Gel
Boiling Point: N/A	Freezing Point: N/A	%Volatiles by Volume: Approx. 1%

4. FIRE AND EXPLOSION DATA

Flash Point: >200OF TCC **Autoignition Temp:** N/A **Flammable Limits in Air,:** N/A **LEL:** N/A **UEL:** N/A
Extinguishing Media: Water, Spray, Foam, Dry Chemical, Carbon Dioxide **Unusual Fire or Explosion Hazards:**
Decomposition products may be toxic. **Special Firefighting Procedures:** Wear self-contained breathing apparatus.

5. REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will Not Occur **Incompatible Materials:** Large masses of epoxy curing agents. **Conditions to Avoid:** Exposure to large masses of epoxy curing agents, especially when hot.
Hazardous Decomposition Products: CO, CO2, Aldehydes, Unspecified Others

6. HEALTH HAZARD DATA

Health Hazard Data:	Acute Oral LD50	- Approx. 5.0 g/kg (rat)
	Acute Inhalation	- N/A
	Acute Dermal LD50	- Approx. 5.0 g/kg (rabbit)
	Draize Eye Irritant	- Slight Irritant
Routes of Exposure:	Skin	-Slight Irritant and Moderate Sensitizer
	Eye	- Slightly Irritating
	Ingestion	- Considered Slightly Toxic
Overexposure Effects:	Acute	- Skin, Eye Irritation
	Chronic	- May Aggravate Existing Skin or Eye Conditions

7. FIRST AID RECOMMENDATIONS

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Skin: Promptly wash with mild soap and water to remove – avoid the use of solvents.

Ingestion: If conscious, give large volumes of water. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation: Immediately move to fresh air. If breathing is difficult, give oxygen.

8. SPILL PROCEDURES & WASTE DISPOSAL

Avoid personal contact. Take up with absorbent materials and place in sealable containers. Dispose of in accordance with Federal, State and Local regulations.

9. PERSONAL PROTECTION

Ventilation Requirements: Good general mechanical ventilation.

Personal Protective Equipment: Wear impervious gloves.

Respiratory Protection: Organic vapor cartridge respirator, if needed.

Eyes: Chemical splash goggles recommended.

Skin: Appropriate equipment or clothing to prevent skin contact.

10. SPECIAL PRECAUTIONS & STORAGE

Precautionary Statements: WARNING – CAUSES IRRITATION – MAY CAUSE ALLERGIC SKIN REACTION. Avoid contact with eyes, skin or clothing. Use with good ventilation. Wash after handling. Store in a cool, dry area in closed containers.

11. TRANSPORTATION INFORMATION

IATA, IMO AND DOT: Resin Compound – “Non-Hazardous” – “Non-Regulated”