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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 154 Epoxy Base - White
CAS Number: N/A
Product Code: GS 154 – 17880A

Chemical Name: N/A
Chemical Family: Epoxy Coating Component

2. HAZARDOUS INGREDIENTS

Material	CAS Number	Contents % w/w	Hazard Data
Epoxy Resin Liquid Polymer	25068 – 38 -6	50 – 75%	PEL: Not Established TLV: Not Established
p-tertbutylphenyl glycidyl ether	3101 – 60 - 8	5 - 10%	PEL: Not Established TLV: Not Established
Poly (terephthaloylchloride/ p-phenylenediamine	26125 – 61 – 1	2 - 5%	PEL: Not Established TLV: Not Established
Micronized Silica	7631 – 86 – 9	5 - 10%	PEL: 0.1mg/M3 air

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

3. PHYSICAL DATA

Appearance: White Paste	Vapor Pressure: N/A	Vapor Density: N/A
Solubility in Water: Negligible	Odor: Slightly Sweet Characteristic Epoxy Resin	Viscosity: Heavy Paste
Specific Gravity: 1.34	Density at 20OC: 11.3lbs/gallon	%Volatiles by Volume: 0.5% max
Boiling Point: N/A	Freezing Point: N/A	

4. FIRE AND EXPLOSION DATA

Flash Point: >250OF TCC **Auto ignition Temp:** N/A **Flammable Limits in Air, % v/v:** **LEL:** N/A **UEL:** N/A
Extinguishing Media: Water, Spray, Foam, Dry Chemical **Fire or Explosion Hazards:** Generation of Toxic Products
Special Firefighting Procedures: Wear full protective equipment including self-contained breathing apparatus.

5. REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will Not Occur **Incompatible Materials:** None Known
Conditions to Avoid: Mixing large volumes with epoxy curing agents such as GS 154 – 17038B, expect a significant exotherm within 3 – 4 minutes at 70OF. **Hazardous Decomposition Products:** CO, CO₂, Unspecified Others

6. HEALTH HAZARD DATA

Skin Irritation	- Sl. Irritant; Possible Sensitizer	Inhalation Tox	- <0.1mg/L air (rat)
DOT Corrosivity	- Not Corrosive	Eye Irritation	- Draize Score Primary Ingredient 16.8/110 (rabbit)
Oral Toxicity	- <2.6g/Kg (rabbit)	Dermal Toxicity	- Acute LD50: >10.2g/Kg (rabbit)

Skin and Eye Contact: Slightly irritating, possible sensitizer. **Ingestion:** Considered slightly toxic. **Inhalation:** Overexposure to mist or vapor is extremely unlikely; however, may cause irritation of respiratory tract.

7. FIRST AID RECOMMENDATIONS

Skin and Eye Contact: Immediately flush eyes with fresh water holding lids apart for 15 minutes. Washing within one minute is essential to achieve maximum effectiveness. Remove from skin using soap and water. Remove contaminated shoes and clothing. Call a physician.

Ingestion: Give conscious person several glasses of milk or water, then induce vomiting by tickling back of throat with finger. Keep airway clear. Get medical attention. Never give anything by mouth to an unconscious person.

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

8. SPILL PROCEDURES & WASTE DISPOSAL

Scrape or wipe up spilled material. Place in trash container. Avoid contact with skin and eyes. Wear recommended protective clothing.

9. PERSONAL PROTECTION

Ventilation Requirements: Not required unless used in large volumes.

Respiratory Protection: Not normally required.

Eyes: Chemical resistant goggles if eye contact possible.

Skin: Impervious gloves, wear long sleeved shirts, coveralls, as required, to prevent skin contact.

10. SPECIAL PRECAUTIONS & STORAGE

Precautionary Statements: Avoid contact with eyes, skin and clothes. Wash after handling. Store in a cool, dry area in closed containers. DO NOT handle or use product until safety precautions recommended here have been read and fully understood.

11. TRANSPORTATION

“Non-Hazardous – Non-Regulated” by DOT, IMO and IATA