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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 Curing Agent – Black      **Chemical Name:** Mercaptan Polymer/Tertiary Amine  
**CAS Number:** N/A      **Chemical Family:** Mercaptan Mixture

### **2. HAZARDOUS INGREDIENTS**

<b>Material</b>	<b>CAS Number</b>	<b>Contents % w/w</b>	<b>Hazard Data</b>
Mercaptan Polymer	(Trade Secret)	50 – 90%	PEL Not Est. TLV Not Est.
2,4,6-Tri (Dimethylaminomethyl) Phenol	90-72-2	5 - 8%	TWA: 5 ppm, 8 hr.

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

### **3. PHYSICAL DATA**

<b>Appearance:</b> Dark Gray Paste	<b>Vapor Pressure:</b> N/A	<b>Vapor Density:</b> N/A
<b>Solubility in Water:</b> Negligible	<b>Odor:</b> Characteristic Mercaptan	
<b>Specific Gravity:</b> 1.12	<b>Density at 20OC:</b> p.35 lbs/gallon	<b>Viscosity:</b> Paste
<b>Boiling Point:</b> N/A	<b>Freezing Point:</b> N/A	<b>% Volatiles by Volume:</b> 0.5% max

### **4. FIRE AND EXPLOSION DATA**

**Flash Point:** >250OF TCC    **Autoignition 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 based materials such as GS 154 base. Volumes less than one pint are safe; however, expect a significant exotherm within 3 – 5 minutes at 70OF. **Hazardous Decomposition Products:** CO, CO2, Unspecified Others

## 6. HEALTH HAZARD DATA

<b>Skin Irritation</b>	- Sl. Irritant; Possible Sensitizer	<b>Inhalation Tox</b>	- Unknown, See Below
<b>DOT Corrosivity</b>	- Not Corrosive	<b>Eye Irritation</b>	- Slight Irritant
<b>Oral Toxicity</b>	- Unknown	<b>Dermal Toxicity</b>	- Unknown

**Skin and Eye Contact:** Slightly irritating, possible sensitizer. **Ingestion:** Considered slightly toxic. **Inhalation:** Material cannot be applied by spray; therefore, exposure to mist or vapor is extremely unlikely. However, inhalation of concentrated vapors might cause irritation of respiratory tract. Prolonged or repeated exposure may cause an asthmatic reaction.

## 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:** DO NOT induce vomiting! Prevent aspiration (breathing) liquid into lungs. Get medical attention.

**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 container for recovery or disposal. Avoid contact with skin and eyes. Wear recommended protective clothing.

## 9. PERSONAL PROTECTION

**Ventilation Requirements:** Mechanical local exhaust at point of contaminant release, if conditions warrant.

**Respiratory Protection:** It is extremely unlikely that harmful concentrations of volatile materials will be released during normal applications by spreaders, trowels or similar tools in open areas. Wear organic vapor cartridge respirator or fresh air hood if working for extended periods in enclosed spaces with minimal ventilation.

**Eyes:** Chemical resistant goggles if eye contact possible.

**Skin:** Impervious gloves, wear long sleeved shirts, coveralls, as required, to prevent skin contact. Discard contaminated gloves, footwear, etc.

## 10. SPECIAL PRECAUTIONS & STORAGE

**Precautionary Statements:** Avoid contact with eyes, skin and clothes. Wash after handling and before eating, drinking or smoking. Store in a cool, dry area in closed containers.

## 11. TRANSPORTATION

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