



# MATERIALS SAFETY DATA SHEET

## FOR CHEMICAL EMERGENCY

During Business Hours: (800) 966-3458

Outside Business Hours: (800) 420-7186

### SECTION I - IDENTIFICATION OF PRODUCT

**PRODUCT NAME:** GORILLA GLUE Syringe Epoxy Hardener  
**SYNONYM/CROSS REFERENCE:** Epoxy Hardener  
**SCHEDULE B NUMBER:** 3506.91.0000

**DISTRIBUTOR:** The Gorilla Glue Company  
4550 Red Bank Expressway  
Cincinnati, OH 45227  
Tel. (513) 271-3300  
Fax (513) 527-3742  
www.gorillatough.com

### SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	WGT%	CAS #	TLV/PEL
Mercaptan Polymer	50-60%	Supplier Trade Secret	N/E
Tertiary Amine	5-15%	Supplier Trade Secret	N/E
Triethylene Tetramine (TETA)	<3%	112-24-3	N/E
Polyamide Resin	10-20%	Supplier Trade Secret	N/E
Benzyl Alcohol	1-5%	100-51-6	N/E
Amorphous Silica	1-5%	7631-86-9	OSHA PEL: 6 mg/m <sup>3</sup> ACGIH TWA: 10 mg/m <sup>3</sup> Respirable 3 mg/m <sup>3</sup>
Aliphatic Amine	1-10%	Supplier Trade Secret	N/E

### SECTION III - PHYSICAL DATA

**APPEARANCE:** Clear to Amber Viscous Liquid  
**SPECIFIC GRAVITY:** 1.03  
**VAPOR PRESSURE (mmHG):** N/Av  
**BOILING POINT:** N/Av  
**VAPOR DENSITY:** Heavier than air  
**EVAPORATION RATE (Ethyl Ether = 1):** Slower than Ethyl Ether  
**VOLATILES BY WEIGHT:** Nil  
**SOLUBILITY IN WATER:** Not Soluble  
**VOC:** Grams/Liter = <5  
Lbs/Gallon = <0.05

## **SECTION IV - FIRE AND EXPLOSION DATA**

**FLASH POINT:** >200°F/93 C Seta Flash Closed cup

**LOWER FLAMMABLE LIMIT %:** N/E

**UPPER FLAMMABLE LIMIT %:** N/E

**FIRE EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam

**SPECIAL FIRE FIGHTING PROCEDURES:** Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Closed containers exposed to high temperatures, such as fire conditions may rupture.

## **SECTION V - HEALTH HAZARD/TOXICOLOGICAL PROPERTIES**

### **OVEREXPOSURE EFFECTS:**

#### **ACUTE EFFECTS:**

**EYES:** Contact with eyes can cause severe irritation, redness, tearing, blurred vision, and/or swelling. May cause eye damage.

**SKIN:** Contact with skin can cause irritation, (minor itching, burning and/or redness), Dermatitis, defatting may be readily absorbed through the skin.

**INHALATION:** Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.

**INGESTION:** Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**CHRONIC EFFECTS:** Overexposure to this material has apparently been known to cause the following effects in lab animals: Eye damage, skin damage.

**CARCINOGEN:** YES \_\_\_\_\_ NO  X

**TERATOGEN:** YES \_\_\_\_\_ NO  X

**MUTAGEN:** YES \_\_\_\_\_ NO  X

#### **FIRST AID:**

**INHALATION:** If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.

**SKIN:** For skin contact, wash promptly with soap and excess water.

**EYES:** For eye contact, flush promptly with excess water for at least fifteen minutes. Consult a physician.

**INGESTION:** If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

## **SECTION VI - REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Open flames, sparks, heat, electrical and static discharge.

**INCOMPATIBILITY MATERIALS TO AVOID:** Strong acids, alkalis, oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and Carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## **SECTION VII - SPILL AND DISPOSAL PROCEDURE**

**SPILLS, LEAK OR RELEASE:** Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

**WASTE DISPOSAL:** Dispose of in accordance with local, state, and federal regulations.

## **SECTION VIII - PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** If component TLV limits are exceeded, use NIOSH/MSHA approved respirator to remove vapors. Use an air-supplied respirator if necessary.

**VENTILATION:** Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.

