



MATERIALS SAFETY DATA SHEET

Date Revised June 12, 2012 4th Edition

FOR CHEMICAL EMERGENCY

During Business Hours: (800) 966-3458

Outside Business Hours: (800) 420-7186

1. IDENTIFICATION OF THE PRODUCT

PRODUCT NAME: Gorilla Epoxy (Gray Package)- Resin

SYNONYMS: Epoxy Resin

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

2. HAZARDS IDENTIFICATION

Physical State Liquid
Color Translucent, clear

OSHA/HCS status This material is considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200)

Emergency Overview **WARNING!**
MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.
Do not breathe vapor or mist. Do not get on skin or clothing. Avoid contact with eyes. Wash thoroughly after handling.

See toxicological information (section 11)

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>WGT%</u>	<u>CAS #</u>
Bisphenol A Epoxy Resin	60-100%	25068-38-6

4. FIRST AID MEASURES

Eye contact Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. If symptoms develop or persist, get medical attention.

Inhalation Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms develop or persist, get medical attention.

Ingestion Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.



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4. FIRST AID MEASURES

Notes to physician No specific treatment. Treat symptomatically. Call medical doctor or poison control center immediately if large quantities have been ingested.

5. FIRE- FIGHTING MEASURES

Flash point Closed cup: >93°C (>199.4°F)

Hazardous thermal decomposition products No specific data

Extinguishing media

Suitable : Use an extinguishing agent suitable for the surrounding fire.

Not suitable : None known

Special exposure hazards Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :

Use personal protection in Section 8.

Environmental precautions :

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up :

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling Do not breathe gas/fumes/vapors/spray. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed. Do not reuse container.

Storage Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use local exhaust ventilation if the potential for airborne exposure exists.

Respiratory: In case of inadequate ventilation wear respiratory protection.

Hands: Chemical resistant, impermeable gloves

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Other PPE: Wear other protective clothing as needed to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT: Closed cup $>93^{\circ}\text{C}$ ($>199.4^{\circ}\text{F}$)

LOWER FLAMMABLE LIMIT %: N/E

UPPER FLAMMABLE LIMIT %: N/E

APPEARANCE: Clear viscous liquid

SPECIFIC GRAVITY: 1.16

VAPOR PRESSURE (mmHg): < 1

BOILING POINT: N/A

VAPOR DENSITY: Heavier than air

EVAPORATION RATE (Ethyl Ether = 1): Not available

VOLATILES BY WEIGHT: Nil

SOLUBILITY IN WATER: Nil

VOC: Grams/Liter = Nil

Lbs/Gallon = Nil

10. STABILITY AND REACTIVITY

STABILITY: Stable

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

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

HAZARDOUS POLYMERIZATION: Under normal conditions of storage and use, hazardous reactions will not occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation	No significant effects or critical hazards
Ingestion	No significant effects or critical hazards
Skin	Irritating to skin. May cause sensitization by skin contact.
Eyes	Irritating to eye



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11. TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS:

Overexposure to this material has apparently been known to cause the following effects in lab animals: skin sensitization, respiratory system irritation.

Pre-existing skin disorders may be aggravated by over-exposure to this product.

CARCINOGEN: YES NO

TERATOGEN: YES NO

MUTAGEN: YES NO

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms.

Marine Pollutant

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Proper shipping name

DOT : Environmentally hazardous substance, liquid, n.o.s. (BISPHENOL A EPOXY RESIN) Marine pollutant
UN3082 Class 9 PG* III

TDG :Environmentally hazardous substance, liquid, n.o.s. (BISPHENOL A EPOXY RESIN) Marine pollutant
UN3082 Class 9 PG* III

IMDG :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN)
Marine pollutant UN3082 Class 9 PG* III

IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN)
Marine pollutant UN3082 Class 9 PG* III

15. REGULATORY INFORMATION

U.S. Federal Regulations

HCS Classification

Irritating material

Sensitizing material

U.S. Federal regulations

United States Inventory (TSCA 8b): All components are listed or exempted.

SARA 302/304/311/312/313

No ingredient listed

Clean Air Act Section 112(b)

No ingredients listed

CERCLA Hazardous substances

No ingredients listed



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15. REGULATORY INFORMATION

State Regulations

Pennsylvania – RTK:	None of the components are listed
California Prop 65:	This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.
Canada	
WHMIS	Class D-2B: Material causing other toxic effects.
CEPA DSL	All components are listed or exempted.

International lists :	Australia inventory (AICS): All components are listed or exempted.
	China inventory (IECSC): All components are listed or exempted.
	Japan inventory: At least one component is not listed.
	Korea inventory: All components are listed or exempted.
	New Zealand Inventory of Chemicals (NZIoC): Not determined.
	Philippines inventory (PICCS): All components are listed or exempted.

16. OTHER INFORMATION

HMIS RATING:	Health	2	4 = Extreme
	Fire	1	3 = High
	Reactivity	0	2 = Moderate
			1 = Slight
			0 = Insignificant

Personal Protection - See Section 8

The information presented in this Material Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.