

# SAFETY DATA SHEET – Gorilla Epoxy Resin

Date Revised: 24/06/2024

Version 1.3

FOR CHEMICAL EMERGENCY Contact Australian Poison Centre: 13 11 26



## Section 1. Identification of the material and the supplier

**Product:** Gorilla Epoxy - Resin  
**Synonyms:** Epoxy Resin  
**Product Use:** Epoxy

**Australian Supplier:** Gorilla Glue Australia Pty Ltd.  
Suite 101, 5 Nexus Court  
Mulgrave, VIC, 3170  
Australia

**Telephone:** +1800 201 480

**Emergency Number:** 13 11 26

**Manufacturer:** The Gorilla Glue Company  
2101 E. Kemper Road  
Cincinnati, OH 45241 US  
[www.gorillaglu.com.au/](http://www.gorillaglu.com.au/)

**Telephone:** +1 513-271-3300

**Date of SDS Preparation:** 27 November 2023

## Section 2. Hazards Identification

Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

### Pictograms



GHS07



GHS09

Warning Signal: **Warning**

Hazard Code	Hazard Statement	GHS Category
H315	Causes skin irritation.	Category 2
H319	Causes serious eye irritation.	Category 2A
H317	May cause an allergic skin reaction.	Category 1
H411	Toxic to aquatic life with long lasting effects.	Category 2

Prevention Code	Prevention Statement
P261	Avoid breathing fumes or vapours.
P264	Wash hands thoroughly after handling.

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P272	Contaminated work clothing should not be allowed out of the workplace.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves, protective clothing, and eye protection.

Response Code	Response Statement
P362 + P364	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P391	Collect spillage.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

## Section 3. Composition / Information on Ingredients

Ingredient	Cas No	Weight %
Bisphenol A-epichlorohydrin polymer	25068-38-6	≥60
(3-(2,3-Epoxypropoxy)propyl)trimethoxysilane	2530-83-8	≥0.1
Non-hazardous or trace Elements	Proprietary	Balance

## Section 4. First Aid Measures

### Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: get medical advice/attention.
If Swallowed	Rinse mouth. DO NOT induce vomiting. Get medical attention if symptoms occur.
If Inhaled	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult or if you feel unwell.

## Section 5. Fire Fighting Measures

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<b>Hazard Type</b>	Not flammable.
<b>Hazards from combustion products</b>	Carbon oxides (CO, CO <sub>2</sub> ). Nitrogen compounds.
<b>Suitable Extinguishing media</b>	Use extinguishing media appropriate for surrounding fire. <b>Unsuitable:</b> Do not use a heavy water stream. Use of heavy stream of water may spread fire.
<b>Precautions for firefighters and special protective clothing</b>	Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire. Do not allow run-off from fire-fighting to enter drains or water courses.
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

## Section 6. Accidental Release Measures

### For emergency responders:

Use personal protection recommended in Section 8. Do not get in eyes, on skin, or on clothing. Avoid breathing vapours. Evacuate unnecessary personnel.

### Methods and material for containment and cleaning up

Ventilate area. Stop leak if safe to do so. Absorb and/or contain spill with inert material, then place in suitable container. Do not allow to enter waterways. Dispose of according to Local Regulations.

## Section 7. Handling and Storage

### Handling

- Read label before use.
- Avoid breathing fumes or vapours.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing.

### Storage

- Store in a dry, cool and well-ventilated place.
- Keep container tightly closed when not in use.
- Store away from strong acids, strong bases, strong oxidizers and amines.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm mg/m <sup>3</sup>	STEL ppm mg/m <sup>3</sup>
No ingredients have exposure limits		

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse*

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effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

## Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide sufficient ventilation to keep vapors below permissible exposure limit. Ensure all national/local regulations are observed.

## Personal Protection Equipment



<b>Eyes</b>	Chemical goggles or safety glasses. Avoid wearing contact lenses.
<b>Hands and Skin</b>	Wear chemically resistant protective gloves. Wear suitable protective clothing.
<b>Respiratory</b>	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. Other Information: When using, do not eat, drink or smoke.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Translucent, clear liquid
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	>93°C Closed Cup
<b>Flammability</b>	Not available
<b>Upper and Lower Exposure Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Density</b>	Not available
<b>Relative Density</b>	1.11 - 1.12
<b>Specific Gravity</b>	Not available
<b>Solubilities</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Conditions to Avoid</b>	Direct sunlight. Extremely high or low temperatures.
<b>Incompatible Materials</b>	Strong acids, strong bases, strong oxidizers.

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<b>Hazardous Decomposition Products</b>	Carbon oxides (CO, CO <sub>2</sub> ). Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide, and water.
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## Section 11 Toxicological Information

Acute Effects:	
Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable
Eye	Causes serious eye irritation.
Skin	Causes skin irritation. May cause an allergic skin reaction.

Chronic Effects:	
Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Bisphenol A-epichlorohydrin polymer (25068-38-6)	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
(3-(2,3-Epoxypropoxy)propyl)trimethoxysilane (2530-83-8)	
LD50 Oral Rat	8025 mg/kg
LD50 Dermal Rabbit	4250 mg/kg

## Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Bisphenol A-epichlorohydrin polymer (25068-38-6)	
LOEC (acute)	1 mg/l Daphnia magna
NOEC chronic crustacea	0.3 mg/l Daphnia magna
(3-(2,3-Epoxypropoxy)propyl)trimethoxysilane (2530-83-8)	
LC50 Fish 1	55 mg/l (Exposure time: 96 h - Species: Cyprinus carpio)
EC50 Daphnia 1	710 mg/l (Exposure time: 48 h - Species: Daphnia magna)
ErC50 (algae)	350 mg/l Exposure time: 96 h - Species: Pseudokirchnerella subcapitata)

Do not allow to enter waterways.

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## Section 13. Disposal Considerations

This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

**Do not allow to enter waterways.**

## Section 14 Transport Information

This product is EXEMPT as a Dangerous Good for transport in Australian Dangerous Goods Code ADG7 and NOHSC:1008(2004) by way of pack size exemption for UN 3082/UN 3077 as the product is packaged in inner containers <5L.

## Section 15 Regulatory Information

**Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice.**

Poison Schedule: Not Scheduled

## Section 16 Other Information

1. Safe Work Australia: Preparation of SDS sheets for hazardous chemicals (Code of Practice).

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