



SAFETY DATA SHEET – Gorilla Epoxy Resin

Date Revised: 28/11/2016

Version 1.0

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: Kinchrome Tools & Equipment Pty Ltd
3 Lakeview Drive
Caribbean Business Park
Scoresby, Victoria 3179
Australia

Telephone: +611300 657 528
Fax: +611300 556 005

Emergency Number: 13 11 26

Manufacturer: Gorilla Glue Europe A/S
Chorley Business & Technology Centre
East Terrace Euxton Lane
Chorley PR7 6TE

Telephone: +44-(0)1257 241319
Date of SDS Preparation: 22 September 2016

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
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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
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P261	Avoid breathing fumes or vapours.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.



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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

Hazard Type	Not flammable.
Hazards from combustion products	Carbon oxides (CO, CO ₂). Nitrogen compounds.



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Suitable Extinguishing media	Use extinguishing media appropriate for surrounding fire. Unsuitable: Do not use a heavy water stream. Use of heavy stream of water may spread fire.
Precautions for firefighters and special protective clothing	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.
HAZCHEM CODE	None Allocated

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		STEL	
	ppm	mg/m ³	ppm	mg/m ³

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 (WES-STEL). *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 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.



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Personal Protection Equipment



Eyes	Chemical goggles or safety glasses. Avoid wearing contact lenses.
Hands and Skin	Wear chemically resistant protective gloves. Wear suitable protective clothing.
Respiratory	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

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

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible Materials	Strong acids, strong bases, strong oxidizers.
Hazardous Decomposition Products	Carbon oxides (CO, CO ₂). Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide, and water.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.



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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.

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.



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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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