



SAFETY DATA SHEET – Gorilla Heavy Duty Construction Adhesive

Date Revised: 27-06-2024

Version 1.3

FOR CHEMICAL EMERGENCY: 13 11 26

According to the Model Work Health and Safety Regulations

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product name : Gorilla Heavy Duty Construction Adhesive
Product code : Not available

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Adhesive.

1.4. Supplier's details

Manufacturer

The Gorilla Glue Company
2101 E. Kemper Road
Cincinnati, OH 45241 US
T+1 513-271-3300
www.gorillatough.com.au/

Distributor

Gorilla Glue Australia Pty Ltd.
Suite 101, 5 Nexus Court
Mulgrave, VIC, 3170
Australia
T +1800 201 480

1.5. Emergency phone number

Emergency number : 13 11 26

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Reproductive toxicity, Category 1B H360

2.2. Label elements

Hazard pictograms (GHS-AU) :



GHS08
Health
hazard

Signal word (GHS-AU) :

Danger

Contains :

(Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-, Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate)

Hazard statements (GHS-AU) :

H360 - May damage fertility or the unborn child.

Precautionary statements (GHS-AU) :

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash hands thoroughly after handling.



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P280 - Wear eye protection, face protection, protective clothing, protective gloves.
P281 - Use personal protective equipment as required.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Unknown acute toxicity (GHS-AU)

: 46.4% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
46.4% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
46.4% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

2.3. Other hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

SECTION 3: Composition/information on ingredients

Name	CAS-No.	%
Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-	22673-19-4	0 - <1%
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	52829-07-9	0 - <10%

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove to fresh air. If symptoms persist, call a physician.
First-aid measures after skin contact : Wash skin with soap and water.
First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
First-aid measures after ingestion : Call a physician immediately. If swallowed, rinse mouth with water (only if the person is conscious). Small amounts of toxic methanol are released by hydrolysis.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
Symptoms/effects after skin contact : May cause skin irritation.
Symptoms/effects after eye contact : May cause eye irritation.
Symptoms/effects after ingestion : May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Full water jet.



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5.2. Special hazards arising from the substance or mixture

- Specific hazards arising from the chemical : Thermal decomposition can lead to release of irritating gases and vapors.
Hazardous combustion products : Carbon monoxide. Carbon dioxide (CO₂).

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

- Emergency procedures : Use personal protective equipment as required. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

6.2. Environmental precautions

- : Prevent product from entering drains. Do not allow to enter into soil/subsoil.
See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

- For containment : Prevent further leakage or spillage if safe to do so.
Methods for cleaning up : Pick up and transfer to properly labeled containers.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

- Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Protect from moisture. Keep at temperatures between 41 and 95 °F. Keep away from food, drink and animal feeding stuffs.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards



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Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- (22673-19-4)		
Australia	TWA (mg/m ³)	0.1 mg/m ³
Australia	STEL (mg/m ³)	0.2 mg/m ³

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Showers
Eyewash stations
Ventilation systems.

8.4. Personal protective equipment

Hand protection : Wear suitable gloves.
Eye protection : No special protective equipment required.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Recommended filter type: Brown Organic gases and vapors filter conforming to EN 14387 White
Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Solid
Appearance : Paste
Colour : White
Odour : Musty
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point / Freezing point : Melting point : Not applicable
Boiling point : No data available
Flash point : >93 °C
Auto-ignition temperature : No data available
Flammability (solid, gas) : No data available



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Vapour pressure	: No data available
Relative density	: No data available
Density	: Density: 1.416 g/cm ³
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

SECTION 10: Stability and reactivity

Reactivity	: Product cures with moisture.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: None under normal processing.
Conditions to avoid	: Protect from moisture.
Incompatible materials	: None known based on information supplied.
Hazardous decomposition products	: None under normal use conditions.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- (22673-19-4)	
LD50 oral rat	1864 mg/kg
LD50 dermal rat	>2000 mg/kg
LC50 inhalation rat	16.8 mg/l/4h

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
LD50 oral rat	>2000 mg/kg
LD50 dermal rat	>3170 mg/kg
LC50 inhalation rat	500 mg/m ³ /4h



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Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Not classified.
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: May damage fertility or the unborn child.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.

Gorilla Heavy Duty Construction Adhesive	
Density	1.416 g/cm ³

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified.
Chronic aquatic toxicity	: Not classified.

Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)- (22673-19-4)	
EC50 Algae	>2 mg/L
LC50 fish	>2 mg/l
EC50 Daphnia	0.0036 mg/l

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
EC50 Algae	0.705 mg/L
LC50 fish	5.29 mg/L
EC50 Daphnia	8.58 mg/l

12.2. Persistence and degradability

No additional information available



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12.3. Bioaccumulative potential

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
Partition coefficient n-octanol/water	0.35

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified.
Other adverse effects : No additional information available

SECTION 13: Disposal considerations

Waste treatment methods : Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : 3077

14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG) : Environmentally hazardous substance, solid, n.o.s.

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) : 9
Danger labels (ADG) : None

14.4. Packing group

Packing group (ADG) : III

14.5. Environmental hazards

Marine pollutant : Yes (Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-, Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate)

14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available.



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14.8. Hazchem or Emergency Action Code

Hazchemcode : 2Z

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated

Poison Schedule Number Not applicable

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

Other information : None.

Classification:

Repr. 1B	H360
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SDS Australia

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