SAFETY DATA SHEET – Gorilla Fabric Glue

Date Revised: 24/06/2024 Version 1.2

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 Fabric Glue
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 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)

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Germ cell mutagenicity, Category 1B	H340
Carcinogenicity, Category 1B	H350
Reproductive toxicity, Category 1A	H360
Specific target organ toxicity — Repeated exposure, Category 2	H373

2.2. Label elements

Hazard pictograms (GHS-AU) :

GHS02 Flame | GHS07 Exclamation mark | GHS08 Health hazard

Signal word (GHS-AU) : Danger
Contains : Toluene (10 - 30 %); Solvent naphtha, petroleum, light aliphatic (10 - 30 %)
Hazard statements (GHS-AU) : H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation.
H340 - May cause genetic defects.

		H350 - May cause cancer. H360 - May damage fertility or the unborn child. H373 - May cause damage to organs through prolonged or repeated exposure.
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. P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical, lighting, ventilating equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust, fume, gas, mist, spray, vapours. P264 - Wash hands thoroughly after handling. 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. P332+P313 - If skin irritation occurs: Get medical advice/attention. P403+P235 - Store in a well-ventilated place. Keep cool. 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

No additional information available

SECTION 3: Composition/information on ingredients

Name	CAS-No.	%
Toluene	108-88-3	10 - 30
Solvent naphtha, petroleum, light aliphatic	64742-89-8	10 - 30

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

First-aid measures after eye contact	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	:	May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	:	Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	:	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	:	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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	:	None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	Highly flammable liquid and vapour. Products of combustion may include, and are not limited to: oxides of carbon.
General measures	:	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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	:	No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapours/spray.

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".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Do not absorb in sawdust, paper, cloth or other combustible absorbents.

Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

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

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Do not swallow. Avoid contact with skin and eyes. Do not breathe dust /fume /gas /mist / vapours/spray. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide local exhaust or general room ventilation.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Protect from moisture. Storage temperature : 40°F (4°C) - 120°F (49°C).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Toluene (108-88-3)		
Australia	TWA (mg/m³)	191 mg/m³
Australia	TWA (ppm)	50 ppm
Australia	STEL (mg/m³)	574 mg/m³
Australia	STEL (ppm)	150 ppm
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen

Toluene (108-88-3)		
USA - ACGIH	Biological Exposure Indices (BEI)	0.02 mg/l Parameter: Toluene - Medium: blood - Sampling time: prior to last shift of workweek 0.03 mg/l Parameter: Toluene - Medium: urine - Sampling time: end of shift 0.3 mg/g creatinine Parameter: o-Cresol with hydrolysis - Medium: urine - Sampling time: end of shift (background)

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of inadequate ventilation wear respiratory protection.
Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : Clear.

Colour : No data available

Odour : Characteristic

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 : 110 °C

Flash point : 4 °C

Auto-ignition temperature : 535 °C

Flammability (solid, gas) : No data available

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Vapour pressure	:	Vapour pressure : 29 hPa
Relative density	:	No data available
Density	:	Density : 0.883 g/cm³
Solubility	:	No data available
Partition coefficient n-octanol/water	:	No data available
Viscosity	:	No data available
Explosive properties	:	No data available
Explosive limits	:	1.2 - 7 vol %
Minimum ignition energy	:	No data available
Fat solubility	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	No dangerous reactions known under normal conditions of use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	:	Oxidizing agents.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Toluene (108-88-3)	
LD50 oral rat	2600 mg/kg
LD50 oral	5000 mg/kg
LD50 dermal rabbit	12000 mg/kg
LC50 inhalation rat	12.5 mg/l/4h

Solvent naphtha, petroleum, light aliphatic (64742-89-8)	
LD50 dermal rabbit	3000 mg/kg

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))
Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Not classified.
Respiratory or skin sensitisation	:	Not classified.
Germ cell mutagenicity	:	May cause genetic defects.
Carcinogenicity	:	May cause cancer.
Reproductive toxicity	:	May damage fertility or the unborn child.
STOT-single exposure	:	Not classified.
STOT-repeated exposure	:	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	:	Not classified.

Gorilla Fabric Glue	
Density	0.883 g/cm³

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.

Toluene (108-88-3)	
LC50 fish 1	15.22 - 19.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	3.78 mg/l
EC50 Daphnia 2	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
NOEC chronic crustacea	0.74 mg/l
Partition coefficient n-octanol/water	2.7

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Toluene (108-88-3)	
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology2.7

12.4. Mobility in soil

Toluene (108-88-3)	
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology2.7

12.5. Other adverse effects

Ozone : Not classified.

Other adverse effects : No additional information available

Gorilla Fabric Glue	
Fluorinated greenhouse gases	False

Toluene (108-88-3)	
Fluorinated greenhouse gases	False

Solvent naphtha, petroleum, light aliphatic (64742-89-8)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : 1133

14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG) : ADHESIVES

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) : 3

Danger labels (ADG) : 3

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:

14.4. Packing group

Packing group (ADG) : II

14.5. Environmental hazards

Marine pollutant : No

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.

14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

SECTION 15: Regulatory information

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

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

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Expiry date : 24/06/2027

Classification:

Flam. Liq. 2	H225
Skin Irrit. 2	H315
Muta. 1B	H340
Carc. 1B	H350
Repr. 1A	H360
STOT RE 2	H373

SDS Australia - Nexreg

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