



SAFETY DATA SHEET – Gorilla Spray Adhesive

Date Revised: 24/02/2019

Version 1.1

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 Spray Adhesive
Product code : No data 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

Distributor

Mayo Hardware
4 Secombe Place
Moorebank, NSW, 2170 - Australia
T +611300 360 211

1.5. Emergency phone number

Emergency number : 13 11 26

SECTION 2: Hazards identification

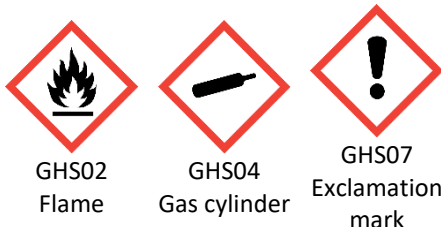
2.1. Classification of the hazardous chemical

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

Flammable aerosols, Category 1	H222
Gases under pressure : Liquefied gas	H280
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336

2.2. Label elements

Hazard pictograms (GHS-AU) :



Signal word (GHS-AU) :

Contains :

Hazard statements (GHS-AU) :

: Danger

: Methyl acetate (10 - 30 %); Acetone (10 - 30 %); Cyclohexane (10 - 30 %)

: H222 - Extremely flammable aerosol.

H280 - Contains gas under pressure; may explode if heated.

H315 - Causes skin irritation.



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Precautionary statements (GHS-AU)

H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
: 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.
P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear eye protection, protective clothing, protective gloves, face protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P362 - Take off contaminated clothing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a POISON CENTER/doctor if you feel unwell.
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.

Unknown acute toxicity (GHS-AU)

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
: 27.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
27.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
20.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Gas))

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Name	CAS-No.	%
Methyl acetate	79-20-9	10 - 30
Acetone	67-64-1	10 - 30
Cyclohexane	110-82-7	10 - 30



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SECTION 4: First aid measures

4.1. Description of first aid measures

- | | |
|---------------------------------------|---|
| First-aid measures general | : Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation | : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. |
| 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. May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| 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

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| 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

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|------------------|--|
| Fire hazard | : Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon. |
| Explosion hazard | : Pressurised container: May burst if heated. |
| 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. |
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6.1.1. For non-emergency personnel

Emergency procedures

: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

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.

6.3. Methods and material for containment and cleaning up

For containment

: Stop leak if safe to do so. 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

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Handle with care. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures

: 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

Storage conditions

: Keep out of the reach of children. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Methyl acetate (79-20-9)

Australia	TWA (mg/m ³)	606 mg/m ³
Australia	TWA (ppm)	200 ppm
Australia	STEL (mg/m ³)	757 mg/m ³
Australia	STEL (ppm)	250 ppm
USA - ACGIH	ACGIH TWA (ppm)	200 ppm
USA - ACGIH	ACGIH STEL (ppm)	250 ppm

Acetone (67-64-1)

Australia	TWA (mg/m ³)	1185 mg/m ³
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Date Revised: 24/02/2019

Version 1.1

FOR CHEMICAL EMERGENCY: 13 11 26

According to the Model Work Health and Safety Regulations

Acetone (67-64-1)		
Australia	TWA (ppm)	500 ppm
Australia	STEL (mg/m ³)	2375 mg/m ³
Australia	STEL (ppm)	1000 ppm
USA - ACGIH	ACGIH TWA (ppm)	250 ppm
USA - ACGIH	ACGIH STEL (ppm)	500 ppm
USA - ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA - ACGIH	Biological Exposure Indices (BEI)	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)

Cyclohexane (110-82-7)		
Australia	TWA (mg/m ³)	350 mg/m ³
Australia	TWA (ppm)	100 ppm
Australia	STEL (mg/m ³)	1050 mg/m ³
Australia	STEL (ppm)	300 ppm
USA - ACGIH	ACGIH TWA (ppm)	100 ppm

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 insufficient ventilation, wear suitable respiratory equipment
Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Gas
Appearance : Aerosol.
Colour : No data available
Odour : No data available
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



SAFETY DATA SHEET – Gorilla Spray Adhesive

Date Revised: 24/02/2019

Version 1.1

FOR CHEMICAL EMERGENCY: 13 11 26

According to the Model Work Health and Safety Regulations

Boiling point	: 57.6 °C Estimated
Flash point	: -104.4 °C Estimated
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: Flammable Aerosol
Vapour pressure	: No data available
Relative density	: Relative density : 0.72
Density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Viscosity	: Viscosity, dynamic : 75 - 225 cP
Explosive properties	: Pressurised container: May burst if heated.
Explosive limits	: No data available
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. Extremely flammable aerosol. Pressurised container: May burst if heated.
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	: Strong oxidizers.
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.



SAFETY DATA SHEET – Gorilla Spray Adhesive

Date Revised: 24/02/2019

Version 1.1

FOR CHEMICAL EMERGENCY: 13 11 26

According to the Model Work Health and Safety Regulations

Methyl acetate (79-20-9)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 5 g/kg
LC50 inhalation rat	> 49000 mg/m ³ (Exposure time: 4 h)

Acetone (67-64-1)	
LD50 oral rat	5800 mg/kg
LD50 dermal rabbit	> 15700 mg/kg
LC50 inhalation rat	50100 mg/m ³ (Exposure time: 8 h)

Cyclohexane (110-82-7)	
LD50 oral rat	12705 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 9500 ppm/4h

Unknown acute toxicity (GHS-AU)	: 27.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 27.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 20.76% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Gas))
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.

Gorilla Spray Adhesive	
Vaporizer	Aerosol
Viscosity, dynamic	75 - 225 cP

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



SAFETY DATA SHEET – Gorilla Spray Adhesive

Date Revised: 24/02/2019

Version 1.1

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According to the Model Work Health and Safety Regulations

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.

Methyl acetate (79-20-9)	
LC50 fish 1	295 - 348 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	250 - 350 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	1026.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Partition coefficient n-octanol/water	0.18

Acetone (67-64-1)	
LC50 fish 1	4.74 - 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
LC50 fish 2	6210 - 8120 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	10294 - 17704 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 Daphnia 2	12600 - 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)
BCF fish 1	0.69
Partition coefficient n-octanol/water	-0.24

Cyclohexane (110-82-7)	
LC50 fish 1	3.96 - 5.18 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	23.03 - 42.07 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Partition coefficient n-octanol/water	3.44

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Methyl acetate (79-20-9)	
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology 0.18

Acetone (67-64-1)	
BCF fish 1	See section 12.1 on ecotoxicology 0.69
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology -0.24

Cyclohexane (110-82-7)	
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology 3.44



SAFETY DATA SHEET – Gorilla Spray Adhesive

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12.4. Mobility in soil

Methyl acetate (79-20-9)	
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology 0.18
Acetone (67-64-1)	
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology 0.24
Cyclohexane (110-82-7)	
Partition coefficient n-octanol/water	See section 12.1 on ecotoxicology 3.44

12.5. Other adverse effects

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

Gorilla Spray Adhesive	
Fluorinated greenhouse gases	False
Methyl acetate (79-20-9)	
Fluorinated greenhouse gases	False
Acetone (67-64-1)	
Fluorinated greenhouse gases	False
Cyclohexane (110-82-7)	
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 : Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : 1950

14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG) : AEROSOLS

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) : 2.1

Danger labels (ADG) : 2.1



SAFETY DATA SHEET – Gorilla Spray Adhesive

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Version 1.1

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14.4. Packing group

Packing group (ADG) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

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

Revision date : 24/01/2019
Expiry date : 24/01/2022
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com
Other information : None.



Classification:

Flam. Aerosol 1	H222
Press. Gas (Liq.)	H280
Skin Irrit. 2	H315
Eye Irrit. 2A	H319



SAFETY DATA SHEET – Gorilla Spray Adhesive

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Version 1.1

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