



SAFETY DATA SHEET – Gorilla Super Glue Liquid

Date of Last Change: 05/12/2018

Version: 4.0

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Gorilla Super Glue Liquid.
Synonym(s)	Ethyl Cyanoacrylate Adhesive.
CAS No.	Mixture.
EINECS No.	Mixture.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	Adhesive for metal, wood, ceramics, leather, paper, most plastics and more.
Uses advised against	None known.

1.3 Details of the supplier of the Safety Data Sheet

Company Identification	Gorilla Glue Europe Ltd. Chorley Business & Technology Centre East Terrace Euxton Lane Chorley PR7 6TE, United Kingdom.
Telephone	01257 241319
Fax	01257 273820
E-mail	eusales@gorillaglu.com

1.4 Emergency telephone number

National Poisons Information Service	111
Company	+44 (0) 1257 241319 (During Business Hours) +1 651-603-3429 (Outside Business Hours)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Skin Irrit. 2; Causes skin irritation. Eye Irrit. 2; Causes serious eye irritation. STOT SE 3; May cause respiratory irritation.
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2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard pictogram(s)	Gorilla Super Glue Liquid.



GHS07

Signal word(s)	Warning.
Hazardous Ingredient(s)	Ethyl cyanoacrylate.
Hazard statement(s)	H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation.

Precautionary statement(s)	P102: Keep out of reach of children. P261: Avoid breathing fume/ mist/vapours/spray. P271: Use only outdoors or in a well-ventilated area. P302+P352: IF ON SKIN: Wash with plenty of water.
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P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.

EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.3 Other hazards

Rapid polymerisation occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerisation.

2.4 Additional Information

For full text of H/P Statements see section 16.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	EC INDEX No.	Classification
Ethyl cyanoacrylate	60-100	7085-85-0	230-391-5	607-236-00-9	Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335 Specific Concentration Limits (C >= 10) STOT SE 3; H335

3.3 Additional Information

For full text of H/P Statements see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

General information

Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. (show the label if possible).

Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Remove contaminated clothing. Gently wash with plenty of soap and water. Continue to wash the affected area for at least 15 minutes. Call a POISON CENTER/doctor if you feel unwell. Wash contaminated clothing before reuse.

Eye Contact

Flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.



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| <p>Ingestion</p> <p>4.2 Most important symptoms and effects, both acute and delayed</p> <p>4.3 Indication of any immediate medical attention and special treatment needed</p> | <p>Rinse mouth. Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.</p> <p>Skin Contact: Causes skin irritation.</p> <p>Inhalation: May cause respiratory irritation.</p> <p>Eye Contact: Causes serious eye irritation.</p> <p>Ingestion: Likely to be harmful or have adverse effects.</p> <p>If medical advice is needed, have product container or label at hand.</p> |
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5. SECTION 5: FIREFIGHTING MEASURES

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| <p>5.1 Extinguishing Media
Suitable Extinguishing Media
Unsuitable Extinguishing Media</p> <p>5.2 Special hazards arising from the substance or mixture</p> <p>5.3 Advice for firefighters</p> | <p>Water spray, foam, dry powder or CO₂.</p> <p>Do not use a heavy water stream. Use of heavy stream of water may spread fire.</p> <p>Non-flammable. Non-explosive.</p> <p>Rapid polymerisation occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerisation.</p> <p>Exercise caution when fighting any chemical fire. Do not allow runoff to enter drains, sewers or watercourses. Fire fighters should wear proper protective clothing including respiratory protection.</p> |
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6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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| <p>6.1 Personal precautions, protective equipment and emergency procedures</p> <p>6.2 Environmental precautions</p> <p>6.3 Methods and material for containment and cleaning up</p> <p>6.4 Reference to other sections</p> | <p>Avoid contact with skin, eyes or clothing. Avoid breathing vapours. Ensure adequate ventilation. Evacuate if necessary. Stop leak if safe to do so. Ensure suitable personal protection during removal of spillages.</p> <p>Avoid run off to waterways and sewers.</p> <p>Cover spills with inert absorbent material. Transfer to a container for disposal. Dispose of empty containers and wastes safely.</p> <p>See Also Section: 8, 13</p> |
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7. SECTION 7: HANDLING AND STORAGE

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| <p>7.1 Precautions for safe handling</p> <p>7.2 Conditions for safe storage, including any incompatibilities</p> <p>Storage Temperature
Storage Life
Incompatible materials</p> <p>7.3 Specific end use(s)</p> | <p>General hygiene measures for the handling of chemicals are applicable. Do not eat, drink or smoke when using this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.</p> <p>Store in a cool/low-temperature, well-ventilated (dry) place. Keep container closed when not in use. Protect from moisture. Store locked up.</p> <p>5-25°C (41-77°F)</p> <p>Stable under normal conditions.</p> <p>Acids, Alkalis, Strong oxidising agents, Water.</p> <p>Adhesive for metal, wood, ceramics, leather, paper, most plastics and more.</p> |
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8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Ethyl cyanoacrylate	7085-85-0	-	-	0,3	1,5	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 Biological limit value

Not established.

8.1.3 PNECs and DNELs

Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Guarantee that the eye flushing systems and safety showers are located close to the working place.

8.2.2 Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear protective clothing and gloves: Chemically resistant materials and fabrics.

Respiratory protection



Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Avoid run off to waterways and sewers.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Liquid.

Colour

White Water / Straw.

Odour

Sharp, Irritating.

Odour Threshold

No data.

pH

Not applicable.

Melting Point/Freezing Point

No data.

Initial boiling point and boiling range

>100°C (212°F)

Flash Point

>81°C (177,8°F)

Evaporation rate

No data.

Flammability (solid, gas)

No data.

Upper/lower flammability or explosive limits

Not applicable.



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Vapour pressure	<0,5mm Hg @ 25°C (77°F)
Vapour density	No data.
Relative density	1,1 (Water = 1)
Solubility(ies)	Immiscible with water.
Partition coefficient: n-octanol/water	No data.
Auto-ignition temperature	No data.
Decomposition Temperature	No data.
Viscosity	No data.
Explosive properties	No data.
Oxidising properties	No data.
9.2 Other information	
VOC content	<20g/l estimated (California SCAQMD Method 316B)

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Rapid polymerisation occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerisation.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous polymerisation will not occur. No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	Keep from direct sunlight. Extremely high or low temperatures.
10.5 Incompatible materials	Acids, Alkalis, Strong oxidising agents, Water.
10.6 Hazardous Decomposition Product(s)	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity	Not classified.
Oral	LD50(estimated) = >5000 mg/kg
Dermal	LD50(estimated) = >2000 mg/kg
Inhalation	LC50(estimated)(1 hour(s)) = >4000 ppm
Skin corrosion/irritation	Causes skin irritation. Causes serious eye irritation.
Serious eye damage/irritation	Not classified.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	May cause respiratory irritation.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No information available.
12.2 Persistence and degradability	No information available.
12.3 Bioaccumulative potential	No information available.
12.4 Mobility in soil	No information available.
12.5 Results of PBT and vPvB assessment	No information available.



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12.6 Other adverse effects

Avoid release to the environment.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of wastes in an approved waste disposal facility.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1 UN number

Not applicable.

14.2 UN Proper Shipping Name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing Group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Air transport: Primary pack containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

15. SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or restrictions on use

Candidate List of Substances of Very High Concern for Authorisation All chemicals are not listed.

REACH: ANNEX XIV list of substances subject to authorisation All chemicals are not listed.

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles All chemicals are not listed.

Community Rolling Action Plan (CoRAP) All chemicals are not listed.

15.1.2 National regulations

None known.

15.2 Chemical Safety Assessment

Not applicable.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2, 3

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Skin Irrit. 2	Skin corrosion/irritation Category 2
Eye Irrit. 2	Serious eye damage/irritation Category 2



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STOT SE 3 Specific target organ toxicity — single exposure Category 3

Hazard statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Disclaimers

The information presented in this Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.

Annex to the extended Safety Data Sheet (eSDS)

Not applicable.