



SAFETY DATA SHEET – Gorilla Super Glue Gel

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 Gel.
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.
01257 241319
01257 273820
eusales@gorillaglu.com
- Telephone
Fax
E-mail
- 1.4 Emergency telephone number**
National Poisons Information Service 111
Emergency Phone No. +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.
- 2.2 Label elements**
According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Gorilla Super Glue Gel.
Hazard pictogram(s)

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.
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.
- Precautionary statement(s)



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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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Ingestion

Rinse mouth. Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Skin Contact: Causes skin irritation.
Inhalation: May cause respiratory irritation.
Eye Contact: Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Ingestion: Likely to be harmful or have adverse effects.
If medical advice is needed, have product container or label at hand.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media
Unsuitable Extinguishing Media

Water spray, foam, dry powder or CO₂.
Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2 Special hazards arising from the substance or mixture

Non-flammable. Non-explosive.
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.

5.3 Advice for firefighters

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.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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.

6.2 Environmental precautions

Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal. Dispose of empty containers and wastes safely.

6.4 Reference to other sections

See Also Section: 8, 13

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

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.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool/low-temperature, well-ventilated (dry) place. Keep container closed when not in use. Protect from moisture. Store locked up.

Storage Temperature

5-25°C (41-77°F)

Storage Life

Stable under normal conditions.

Incompatible materials

Acids, Alkalis, Strong oxidising agents, Water.

7.3 Specific end use(s)

Adhesive for metal, wood, ceramics, leather, paper, most plastics and more.



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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 | Gel. |
| 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. |
| 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 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. |
| 12.6 Other adverse effects | Avoid release to the environment. |



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



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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.