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

1.1 Product identifier
Product Name: Gorilla Super Glue
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@gorillaglue.com

1.4 Emergency telephone number
National Poisons Information Service
Emergency Phone No.: 111
+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
Product Name: Gorilla Super Glue Liquid.
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.
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.
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.

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

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

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).
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.
- **Ingestion**: Likely to be harmful or have adverse effects.

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

If medical advice is needed, have product container or label at hand.

5. **SECTION 5: FIREFIGHTING MEASURES**

5.1 **Extinguishing Media**

- **Suitable Extinguishing Media**: Water spray, foam, dry powder or CO₂.
- **Unsuitable Extinguishing Media**: 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.

7.3 Specific end use(s)

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

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl cyanoacrylate</td>
<td>7085-85-0</td>
<td>-</td>
<td>-</td>
<td>0,3</td>
<td>1,5</td>
<td>WEL</td>
</tr>
</tbody>
</table>

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.
- 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
SAFETY DATA SHEET – Gorilla Super Glue (Liquid, Gel, Brush & Nozzle)
Date Revised: 16/03/2017
Version 1.1

FOR CHEMICAL EMERGENCY:
During Business Hours: (800) 966-3458 | Outside Business Hours: (800) 420-7186

Dermal
Inhalation
Skin corrosion/irritation
Serious eye damage/irritation
Respiratory or skin sensitisation
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard
11.2 Other information

LD50 (estimated) = >2000 mg/kg
LC50 (estimated)(1 hour(s)) = >4000 ppm
Causes skin irritation.
Causes serious eye irritation.
Not classified.
Not classified.
Not classified.
Not classified.
May cause respiratory irritation.
Not classified.
None.

12. SECTION 12: ECOLOGICAL INFORMATION
12.1 Toxicity
12.2 Persistence and degradability
12.3 Bioaccumulative potential
12.4 Mobility in soil
12.5 Results of PBT and vPvB assessment
12.6 Other adverse effects
No information available.
No information available.
No information available.
No information available.
No information available.
Avoid release to the environment.

13. SECTION 13: DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods
13.2 Additional Information
Dispose of wastes in an approved waste disposal facility.
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
14.2 UN Proper Shipping Name
14.3 Transport hazard class(es)
14.4 Packing Group
14.5 Environmental hazards
14.6 Special precautions for user
Not applicable.
Not applicable.
Not applicable.
Not applicable.
Air transport: Primary pack containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.
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
Gorilla Super Glue Liquid

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: 11

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

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.