

Safety Data Sheet



Issue Date: December 5, 2012
Version Number 3
Revision/Cancels: Previous version November 30, 2012

Section 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product Identifier Gorilla Super Glue

1.2 Relevant identified uses of the substance or mixture and uses advised against
Cyanoacrylate household adhesive used for repairs or crafts

1.3 Details of the supplier of the substance or mixture
Gorilla Glue Europe A/S

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DK-3490 Kvistgaard
Denmark
Tel: UK: +44 (0) 1257 241319
Fax: UK: +44 (0) 808 2801881
www.gorillatough.co.uk
E-mail address: eusales@gorillaglu.com

1.4 Emergency telephone Gorilla Glue Europe A/S. Tel: +44 (0) 1257 241319
The Gorilla Glue Company Tel: 001 (513) 271-3300

Section 2 HAZARDS IDENTIFICATION

2.1 This preparation is classified as irritant.

2.2 Label elements

Labelling in accordance with the EU directives.



Symbol:

Hazard designation: Xi – Irritant

2.3 Other hazard information

Irritating to the eyes, respiratory system and skin. Rapid polymerization occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerization.

Contains: Ethyl 2-cyanoacrylate

R-phrases: R36/37/38 – Irritating to eyes, respiratory system and skin.

S-phrases: S2 - Keep out of the reach of children.

S23 – Do not breathe vapour.

S24/25 - Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Additional labeling: Cyanoacrylate. Danger. Bonds skin and eyes in seconds.



Section 3. INFORMATION ON THE INGREDIENTS

3.2 Mixtures

Name	EINECS-no	CAS-no	Content	Symbol	R-phrases
Ethyl 2-cyanoacrylate	230-391-5	7085-85-0	86-100 %	Xi	R36/37/38

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

General: In all cases of doubt, or when symptoms persist, seek medical advice. Bring the Material Safety Data Sheet or label from the bottle. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place the person in recovery position. Seek medical attention.

Eye contact: Immediately flush eyes with water for at least 10 minutes while holding eyelids open. Do not attempt to pull apart bonded eyelid. Seek medical attention.

Skin contact: Immediately wash skin thoroughly with plenty of water and soap. Remove contaminated clothing. If skin reactions occur, seek medical attention.

Ingestion: Do not induce vomiting. Saliva will cause cyanoacrylate to polymerize in mouth. If lips are bonded together, use warm water to gently separate the lips apart. Contact a physician.

4.2 Most important symptoms and effects, both acute and delayed

Do not swallow.

Section 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

Small fire (max size of container is 20 grams) Water spray, carbon dioxide (CO₂), dry powder, foam.

Large fire Not applicable (max size of container is 20 grams)

5.2 Special hazards: In case of fire, irritating organic vapours may be formed.

5.3 Advice for fire-fighters: Protective equipment for fire-fighters: Fire fighters have to wear full-face, self-contained breathing apparatus and impervious protective clothing. Do not allow run-off from fire fighting to enter drains or water courses.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precaution in spill: Wear necessary protective equipment (see section 8). Avoid breathing vapours and contact with skin and eyes.

6.2 Environmental precautions: Do not allow to enter drains or watercourses.

6.3 Methods and material for containment and cleanup

Spill clean up methods: Absorb with an inert material, e.g. sand, earth, vermiculite, diatomaceous earth, and place it all in a container for disposal, according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvent.

6.4 Reference to other sections: See section 8



Section 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

To avoid fire, eliminate ignition sources. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation or wear suitable respiratory equipment. May react in presence of moisture. May react or be incompatible with alkalies. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a dry, cool, well-ventilated area. Keep away from sources of heat and ignition. Keep container tightly closed when not in use. Store the product above freezing, between 5-25° C. For optimum shelf life store at 2- 8° C. Rapid polymerization occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerization.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Ingredient name	WEL 15 min limit (STEL)
Ethyl Cyanoacrylate	0.3ppm (1.5mg/m ³)
Reference:	EH40-WEL (United Kingdom (UK))

8.2 Exposure controls

Respiratory protection: Ensure adequate ventilation. **Engineering controls:** Use positive down-draft exhaust ventilation if general ventilation is insufficient. to maintain vapor concentration below established exposure limits. Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Hand protection: Use chemical resistant nitrile, polyethylene or polypropylene gloves. Do not use PVC, rubber or nylon gloves.

Recommendation: Change always contaminated gloves immediately.

Eye protection: Wear protective glasses.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Water white / straw colored
Odour:	Sharp, irritant
Boiling point:	>100° C
Specific gravity:	1.10 g/cm ³ at 25° C
Vapour pressure:	<0.5 mm Hg at 25° C
Flash point:	>81° C
VOC content:	<3 %
Solubility in water:	Immiscible in water. Polymerizes in presence of water.

9.2 Other information

Not applicable



Section 10. STABILITY AND REACTIVITY

10.1 Reactivity

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis, oxidizing agents, reducing agents and alcohols.

10.2 Chemical Stability: Stable when stored and handled correctly (see section 7).

10.3 Possibility of hazardous reactions

See section 10.1

10.4 Conditions to avoid

See section 5.2

10.5 Incompatible materials

Water, Amines, Alkalis, Alcohols.

10.6 Hazardous decomposition products

Not if used as intended.

Section 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity: LD50 oral, rat: >5000 mg/kg

LD50 dermal, rabbit: >2000 mg/kg

LC50 inhalation: >4000 mg/kg

Eye contact: Irritating to eyes. In dry atmosphere (RH <50 %) vapours may cause irritation and lachrymatory effect.

Section 12. ECOLOGICAL INFORMATION

12.1 Toxicity

See section 11.1. Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided.

12.2 Persistence and degradability

Biodegradability: 0% after 28 days

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

Not known

12.6 Other adverse effects

The product should not be discharged into drains, streams or soil.



Section 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal methods: The product remnants are classified as chemical waste. Dispose of waste according to Local, State, Federal, and Provincial Environmental Regulations.

(European waste catalogue) EWC-code: 08 04 09 (waste adhesives and sealants containing organic solvents or other dangerous substances).

Section 14. TRANSPORT INFORMATION

This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1 UN Number

14.2 UN Proper Shipping Name

14.3 Transport hazard class No transport warning sign required.

14.4 Packing group

14.5 Environmental hazards No

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Section 15. REGULATORY INFORMATION

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

Labelling in accordance with the EU directives.

15.2 Chemical Safety Assessment Not applicable.

Section 16. OTHER INFORMATION

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The information of this SDS is based on the present state of our knowledge and on current EU laws. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product. It is not to be considered as a guarantee of the products properties.