

**Gorilla Super Glue Ultimate**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name Gorilla Super Glue Ultimate
(Contains: ethyl 2-cyanoacrylate)
Unique Formula Identifier (UFI) 0F10-D0DF-V005-XRE8

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

Identified Use(s) Adhesives.
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Gorilla Glue Europe Ltd
Address of Manufacturer 26 Eaton Avenue
Matrix Park, Buckshaw Village
Chorley, Lancashire
Postal code PR7 7NA
Telephone 01257 241 319
E-mail Eucustomer@gorillaglue.com
Office hours 08:30 - 17:00

Supplier
Company Identification GG Brands Netherlands B.V.
Address of Supplier Lichttoren 32
5611 BJ, Eindhoven
Telephone +31 85 064 4029
E-mail Eucustomer@gorillaglue.com
Office hours 08:30 - 17:00

1.4 Emergency telephone number

Supplier Contact: Stuart Shotton
Emergency Phone No. +44 (0)843 507 1200

Northern Ireland: NHS Direct
Emergency Phone No. +44 111 (24 hours)

Republic of Ireland: NPIC Ireland
Emergency Phone No. +353 (0) 1 809 2166 (8am - 10pm)

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 According to Regulation (EC) No. 1272/2008 (CLP)
Contains: Gorilla Super Glue Ultimate
Hazard Pictogram(s) ethyl 2-cyanoacrylate



Signal Word(s) GHS07
Warning
Hazard Statement(s) H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
Precautionary Statement(s) P261: Avoid breathing vapours.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

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Additional Information

Unique Formula Identifier (UFI)

Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTRE/doctor if you feel unwell.
P337+P313: If eye irritation persists: Get medical advice/attention.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P501: Dispose of contents in accordance with local, state or national legislation.
0F10-D0DF-V005-XRE8

2.3 Other hazards

None known.

2.4 Additional Information

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
ethyl 2-cyanoacrylate	7085-85-0	230-391-5 01-2119527766-29-XXXX	85-95	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335	GHS07
tetrahydrofuran	109-99-9	203-726-8 01-2119444314-46-XXXX	0.01 - 0.1	Flam. Liq. 2 H225 Acute Tox. 4 H302 Eye Irrit. 2 H319 STOT SE 3 H335 Carc. 2 H351 EUH019	GHS02 GHS08 GHS07
Hydroquinone	123-31-9	204-617-8 01-2119524016-51-XXXX	0.01 - <0.1	Acute Tox. 4 H302 Skin Sens. 1B H317 Eye Dam. 1 H318 Muta. 2 H341 Carc. 2 H351 Aquatic Acute 1 H400	GHS05 GHS08 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
ethyl 2-cyanoacrylate	7085-85-0	STOT SE 3 C>= 10.00 <= 100.00		
tetrahydrofuran	109-99-9	Eye Irrit. 2 C>= 25.00 <= 100.00 STOT SE 3 C>= 25.00 <= 100.00		Acute Tox. 4 (H302): 500
Hydroquinone	123-31-9		Aquatic Acute 1: 10	Acute Tox. 4 (H302): 500

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

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

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.

Skin Contact

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

Eye Contact

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.

Ingestion

Wash out mouth with water. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes irritation to eyes and skin. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable Extinguishing media

As appropriate for surrounding fire. Extinguish with carbon dioxide, dry chemical,

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- Unsuitable extinguishing media foam or waterspray.
Do not use water jet.
- 5.2 Special hazards arising from the substance or mixture**
Decomposes in a fire giving off toxic fumes: Nitrogen oxides, Oxides of carbon.
- 5.3 Advice for firefighters**
Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Provide adequate ventilation. Avoid breathing vapours. Ensure full personal protection (including respiratory protection) during removal of spillages. Wash hands and exposed skin thoroughly after handling.
- 6.2 Environmental precautions**
Do not allow to enter drains, sewers or watercourses.
- 6.3 Methods and material for containment and cleaning up**
Allow product to cool/solidify and pick up as a solid. Sweep up solid substance. Transfer to a container for disposal.
- 6.4 Reference to other sections**
See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Ensure adequate ventilation. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep in a cool, dry place.
Ambient.
Stable under normal conditions.
Oxidizing agents.
- Storage temperature
Storage life
Incompatible materials
- 7.3 Specific end use(s)**
Adhesives. For industrial use only.

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	
Tetrahydrofuran	109-99-9	50	150	100	300	Sk
Hydroquinone	123-31-9		0.5			

Region United Kingdom Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Sk Notes Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

8.2 Exposure controls

- 8.2.1. Appropriate engineering controls** Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
- 8.2.2. Personal protection equipment**
Eye Protection Wear eye protection with side protection (EN ISO 16321-1).



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Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Recommended: Wear nitrile gloves. Do not wear gloves made of: Cotton or natural fiber



Respiratory protection

Wear suitable respiratory protection.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state	Liquid.
Colour	Clear.
Odour	Characteristic.
Melting point/freezing point	-31°C (ethyl 2-cyanoacrylate)
Boiling point or initial boiling point and boiling range	214°C (ethyl 2-cyanoacrylate)
Flammability	Combustible liquid
Lower and upper explosion limit	Not known.
Flash Point	80°C [Closed cup]
Auto-ignition temperature	480°C @ 101325 Pa (ethyl 2-cyanoacrylate)
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Dynamic viscosity : 2.6 mPa•s @ 20°C (ethyl 2-cyanoacrylate)
Solubility	Solubility (Water) : Immiscible. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	21 Pa @ 20°C (ethyl 2-cyanoacrylate)
Density and/or relative density	Density (g/ml) : 0.889 g/cm ³ - Relative density : 1.043 @ 20°C (ethyl 2-cyanoacrylate)
Relative vapour density	Not known.
Particle characteristics	Not applicable.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

May polymerise on exposure to heat. Reacts with - Alcohols, Amines, Acids, Alkalis, Water.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) - 403225.81 ethyl 2-cyanoacrylate : LD50 (oral,rat) mg/kg: >5000
Acute toxicity - Skin Contact	Calculation method : Not classified.

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Acute toxicity - Inhalation
Skin corrosion/irritation

Serious eye damage/irritation

Skin sensitization data
Respiratory sensitization data
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
Lactation
STOT - single exposure

STOT - repeated exposure
Aspiration hazard

11.2 Information on other hazards

ethyl 2-cyanoacrylate : LD50 (skin,rabbit) mg/kg: >2000

Calculation method : Not classified.

Calculation method : Causes skin irritation.

ethyl 2-cyanoacrylate : In an OECD 404 guideline study with New Zealand rabbits, a slightly irritating property of ethyl 2-cyanoacrylate was shown with a primary dermal irritation index (PDII) of 0.87 (mean).

Calculation method : Causes serious eye irritation.

ethyl 2-cyanoacrylate : OECD 405 guideline study resulted in an overall irritation score of 29.33 (mean) with reversibility within 24 hours.

Calculation method : Not classified.

Calculation method : Not classified.

Calculation method : Not classified.

Calculation method : Not classified.

Calculation method : Not classified.

Calculation method : Not classified.

Calculation method : May cause respiratory irritation.

ethyl 2-cyanoacrylate (By analogy with similar materials: methyl 2-cyanoacrylate) : In a study from 1968, fourteen volunteers were exposed to vapour concentrations of appr. 1-60 ppm MCA. Irritation of nose and throat started at 2 ppm MCA. For high concentrations in the range of 50-60 ppm, pronounced irritation of nose was reported.

Calculation method : Not classified.

Calculation method : Not classified.

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

SECTION 12: ECOLOGICAL INFORMATION

ethyl 2-cyanoacrylate : Tests in aqueous or moist media with ethyl 2-cyanoacrylate cannot be performed due to technical reasons based on the chemical properties of the monomer. In presence of moisture ethyl 2-cyanoacrylate polymerises within seconds (inherent property of ethyl 2-cyanoacrylate based instant glues).

12.1 Toxicity

Toxicity - Aquatic invertebrates

Low toxicity to invertebrates.

Toxicity - Fish

Low toxicity to fish.

Toxicity - Algae

Low toxicity to algae.

Toxicity - Sediment Compartment

Not classified.

Toxicity - Terrestrial Compartment

Not classified.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Immiscible with water. The product is predicted to have low mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Does not cause endocrine disruption.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose of this material and its container as hazardous waste. Incineration by an approved method could be considered. Disposal should be in accordance with local, state or national legislation.

13.2 Additional Information

EU Waste Codes:

Waste accruing during application:

08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Waste accruing during cleaning:

08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances

08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11

Waste packaging:

15 01 01 paper and cardboard packaging

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15 01 02 plastic packaging
15 01 04 metallic packaging
15 01 10* packaging containing residues of or contaminated by dangerous substances.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number or ID number**

UN No. 3334

14.2 UN proper shipping name

UN proper shipping name AVIATION REGULATED LIQUID, N.O.S. (ethyl 2-cyanoacrylate)

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class 9

ADR Classification Code M11

Emergency Action Code 2Z

IMDG

IMDG Class 9

Special Provisions 960

ICAO/IATA

ICAO/IATA Class 9

Excepted Quantities E1

Passenger and Cargo Aircraft Limited Y964

Quantities Packing Instructions

Passenger and Cargo Aircraft Limited 30Kg G

Quantities Max net Qty

Passenger and Cargo Aircraft Packing 964

Instructions

Passenger and Cargo Aircraft Max net 450L

Qty

Cargo Aircraft Packing Instructions 964

Cargo Aircraft Max net Qty 450L

Special Provisions A27

Emergency Response Guidebook (ERG) 9A

Code

Labels

Labels None.

14.4 Packing group

Packing group Not subject to ADR.

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

14.7 Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the ethyl 2-cyanoacrylate (7085-85-0), tetrahydrofuran (109-99-9)

manufacture, placing on the market and

use of certain dangerous substances,

mixtures and articles

Community Rolling Action Plan (CoRAP) tetrahydrofuran (109-99-9), Hydroquinone (123-31-9)

Regulation (EU) N° 2019/1021 of the Not listed

European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council

concerning the export and import of

hazardous chemicals

National regulations

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Wassergefährdungsklasse (Germany)
15.2 Chemical Safety Assessment

WGK number 1 (slightly hazardous to water)

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

1-16

LEGEND

Hazard Pictogram(s)



GHS07
GHS02: GHS: Flame
GHS05: GHS: Corrosion
GHS08: GHS: Health hazard
GHS09: GHS: Environment

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
Acute Tox. 4 : Acute toxicity, Category 4
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1B : Skin sensitization, Category 1B
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Eye Irrit. 2 : Serious eye damage/irritation, Category 2
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
Muta. 2 : Germ cell mutagenicity, Category 2
Carc. 2 : Carcinogenicity, Category 2
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H341: Suspected of causing genetic defects.
H351: Suspected of causing cancer.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Precautionary Statement(s)

P261: Avoid breathing vapours.
P264: Wash hands and exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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.
P312: Call a POISON CENTRE/doctor if you feel unwell.
P321: Specific treatment (see Medical Advice on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

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P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

IATA : International Air Transport Association

IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

UN : United Nations

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS Regulation (EC) No. 1272/2008 (CLP)

Training Advice

Regular safety training as appropriate

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