



Gorilla Wood Glue

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 Wood Glue

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 Eucustomercare@gorillagluue.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 Eucustomercare@gorillagluue.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) Not classified as hazardous for supply.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Gorilla Wood Glue

**Gorilla Wood Glue**

Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	EUH210: Safety data sheet available on request. EUH208: Contains: Formaldehyde, 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.
Precautionary Statement(s)	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.

2.3 Other hazards

Contains 2-methylisothiazol-3(2H)-one, a biocidal product to preserve the product during storage. Please follow all usage instructions.

2.4 Additional Information

None.

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)
Acetic acid ethenyl ester, co-polymer with ethenol	25213-24-5	607-648-9	1-5	Eye Irrit. 2 H319	GHS07
2-(2-butoxyethoxy)ethanol	112-34-5	203-961-6 01-2119475104-44-XXXX	1-5	Eye Irrit. 2 H319	GHS07
Aluminum chloride, basic	1327-41-9	215-477-2 01-2119531563-43-XXXX	0.1-1	Met. Corr. 1 H290 Eye Dam. 1 H318	GHS05
Methanol	67-56-1	200-659-6 01-2119433307-44-XXXX	0.01-0.1	Flam. Liq. 2 H225 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT SE 1 H370	GHS02 GHS06 GHS08
methyl acetate	79-20-9	201-185-2 01-2119459211-47-XXXX	0.01-0.1	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 EUH066	GHS02 GHS07
ethyl acetate	141-78-6	205-500-4 01-2119475103-46-XXXX	0.01-0.1	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 EUH066	GHS02 GHS07
Hydrogen chloride	7647-01-0	231-595-7	0.01-0.1	Skin Corr. 1B H314 STOT SE 3 H335	GHS05 GHS07



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2-butoxyethanol	111-76-2	203-905-0 01-2119475108-36-XXXX	0.01-0.1	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Acute Tox. 3 H331	GHS06 GHS07
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Vinyl acetate	108-05-4	203-545-4 01-2119471301-50-XXXX	0.01-0.09	Flam. Liq. 2 H225 Acute Tox. 4 H332 STOT SE 3 H335 Carc. 2 H351	GHS02 GHS08 GHS07
Formaldehyde	50-00-0	200-001-8	0.01-0.05	Acute Tox. 4 H302 Skin Corr. 1B H314 Skin Sens. 1A H317 Acute Tox. 2 H330 Muta. 2 H341 Carc. 1B H350 EUH071	GHS06 GHS05 GHS08 GHS07
2-methylisothiazol-3(2H)-one	2682-20-4	220-239-6	<0.0015	Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 EUH071	GHS06 GHS05 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Methanol	67-56-1	STOT SE 1	C>= 10.00 <= 100.00		Acute Tox. 3 (H301) : 100 Acute Tox. 3 (H311) : 300 Acute Tox. 3 (H331) : 3
		STOT SE 2	C>= 3.00 < 10.00		
Hydrogen chloride	7647-01-0	Skin Corr. 1B	C>= 25.00 <= 100.00		
		Skin Irrit. 2	C>= 10.00 < 25.00		
		Eye Irrit. 2	C>= 10.00 < 25.00		
		STOT SE 3	C>= 10.00 <= 100.00		
2-butoxyethanol	111-76-2				Acute Tox. 4 (H302) : 1200 (18 th ATP) Acute Tox. 3 (H331) : 3 Vapours (18 th ATP)
Vinyl acetate	108-05-4				Acute Tox. 4 (H332) : 11
Formaldehyde	50-00-0	Skin Corr. 1B	C>= 25.00 <= 100.00		Acute Tox. 4 (H302) : 500 (22 nd ATP) Acute Tox. 2 (H330) : 100 ppmV (gases) (22 nd ATP)
		Skin Irrit. 2	C>= 5.00 < 25.00		
		Eye Irrit. 2	C>= 5.00 < 25.00		
		STOT SE 3	C>= 5.00 <= 100.00		

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2-methylisothiazol-3(2H)-one	2682-20-4	Skin Sens. 1A	C>= 0.0015 <= 100.00	Aquatic Acute 1: 10	Acute Tox. 3 (H301) : 100 Acute Tox. 3 (H311) : 300 Acute Tox. 2 (H330) : 0.5
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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	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.
Skin Contact	Wash skin with water. If symptoms develop, obtain medical attention.
Eye Contact	Flush eyes with water for at least 15 minutes. If symptoms develop, obtain medical attention.
Ingestion	Wash out mouth with water. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

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, foam or waterspray.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep fire exposed containers cool by spraying with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely. Wash hands and exposed skin after use.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Dilute with water. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery.

6.4 Reference to other sections

See Also Section 8, 13.



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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable. Wear protective equipment to comply with good occupational hygiene practice. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Wash hands and exposed skin after use. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container. Keep in a cool, dry place. Keep container closed when not in use.

Storage temperature

>5° C

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Adhesives.

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
2-(2-Butoxyethoxy) ethanol	112-34-5	10	67.5	15	101.2	
Aluminium salts, soluble	1327-41-9		2			
Vinyl acetate	108-05-4	5	17.6	10	35.2	
Methanol	67-56-1	200	266	250	333	Sk
Methyl acetate	79-20-9	200	616	250	770	
Formaldehyde	50-00-0	2	2.5	2	2.5	Carc
Ethyl acetate	141-78-6	200	734	400	1468	
Hydrogen chloride (gas and aerosol mists)	7647-01-0	1	2	5	8	
2-Butoxyethanol	111-76-2	25	123	50	246	Sk, BMGV

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

Remark	Notes
Sk	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
Carc	Capable of causing cancer and/or heritable genetic damage.
BMGV	Biological monitoring guidance values are listed in Table 2.



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Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
2-Butoxyethanol	111-76-2	Post shift	urine	butoxyacetic acid	240 mmol butoxyacetic acid/mol creatinine	

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear protective eye glasses for protection against liquid splashes.



Skin protection

Not normally required. Wear suitable gloves if prolonged skin contact is likely. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Brown.
Odour	Characteristic.
Melting point/freezing point	0° C
Boiling point or initial boiling point and boiling range	100° C
Flammability	Non-flammable.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	3
Kinematic Viscosity	Not known.
	Dynamic viscosity : 5000 cP
Solubility	Solubility (Water) : Completely miscible with water. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	23 hPa @ 20° C
Density and/or relative density	Density (g/ml) : 1.08



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Relative vapour density

Not known.

Particle characteristics

Not applicable.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Do not freeze. Keep away from heat and light.

10.5 Incompatible materials

Not known.

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) Calc ATE - 83518.93

Acute toxicity - Skin Contact

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 295858

Acute toxicity - Inhalation

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 562.91

Skin corrosion/irritation

Calculation method : Not classified.

Serious eye damage/irritation

Calculation method : Not classified.

Skin sensitization data

Calculation method : Not classified.

It is not a skin sensitizer.

Contains: (Formaldehyde, 2-methylisothiazol-3(2H)-one) May produce an allergic reaction.

Respiratory sensitization data

Calculation method : Not classified.

Germ cell mutagenicity

Calculation method : Not classified.

There is no evidence of mutagenic potential.

Carcinogenicity

Calculation method : Not classified.

No evidence of carcinogenicity.

Reproductive toxicity

Calculation method : Not classified.

No evidence of reproductive effects.

Lactation

Calculation method : Not classified.

STOT - single exposure

Calculation method : Not classified.

STOT - repeated exposure

Calculation method : Not classified.

Aspiration hazard

Calculation method : Not classified.



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11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

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 on this formulation.

12.3 Bioaccumulative potential

No information on this formulation.

12.4 Mobility in soil

Miscible with water. The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of empty containers and wastes safely. Dispose at suitable refuse site.

13.2 Additional Information

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

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID 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 classified as a Marine Pollutant.

14.6 Special precautions for user

Not known



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14.7 Maritime transport in bulk according to IMO instruments

Not known

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 High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

2-(2-butoxyethoxy)ethanol (112-34-5) - Entry 3, 55, 75; Methanol (67-56-1) - Entry 3, 40, 69, 75; Formaldehyde (50-00-0) - Entry 3, 28, 72, 75, 77; Aluminum chloride, basic (1327-41-9) - Entry 3; Vinyl acetate (108-05-4), methyl acetate (79-20-9), ethyl acetate (141-78-6) - Entry 3, 40, 75; Hydrogen chloride (7647-01-0), 2-butoxyethanol (111-76-2) - Entry 3, 75; 2-methylisothiazol-3(2H)-one (2682-20-4) - Entry 75

Community Rolling Action Plan (CoRAP) Aluminum chloride, basic (1327-41-9), Vinyl acetate (108-05-4), Methanol (67-56-1), Formaldehyde (50-00-0)

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

Seveso Directive None known.

Regulation (EU) N° 528/2012 of the European Parliament and of the Council concerning the making available on the market and use of biocidal products Contains a biocide: Contains 2-methylisothiazol-3(2H)-one (PT06 – Preservatives for products during storage).

National regulations

Wassergefährdungsklasse (Germany) WGK number 3 (highly hazardous to water)

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION



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The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s)

GHS02: GHS: Flame
GHS05: GHS: Corrosion
GHS06: GHS: Skull and crossbones
GHS07: GHS: Exclamation mark
GHS08: GHS: Health hazard
GHS09: GHS: Environment

Hazard classification

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

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H290: May be corrosive to metals.
H301: Toxic if swallowed.
H302: Harmful if swallowed.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H330: Fatal if inhaled.
H331: Toxic if inhaled.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H341: Suspected of causing genetic defects.



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H350: May cause cancer.
H351: Suspected of causing cancer.
H370: Causes damage to organs.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
EUH210: Safety data sheet available on request.

Acronyms

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
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
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

Disclaimers

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