



SAFETY DATA SHEET – Gorilla Wood Glue

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 Wood Glue.
Synonym(s)	Polyvinyl Acetate Polymer product in water.
CAS No.	Mixture.
EINECS No.	Mixture.

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

Identified use(s)	Consumer Adhesives for building, carpentry, or hobby projects using any type of wood. It is water resistant (passes ANSI/ HPVA Type II), sandable, and paintable.
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
Telephone	01257 273820
Fax	01257 273820
E-mail	eusales@gorillaglu.com

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 Sens. 1; May cause an allergic skin reaction.
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2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard pictogram(s)	Gorilla Wood Glue.



GHS07

Signal word(s)	Warning.
Hazardous Ingredient(s)	Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone.
Hazard statement(s)	H317: May cause an allergic skin reaction.
Precautionary statement(s)	P102: Keep out of reach of children. P261: Avoid breathing vapours. P280: Wear protective gloves/protective clothing/eye protection. P302+P352: IF ON SKIN: Wash with plenty of water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention.



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P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3 Other hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

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
Water	40-70	7732-18-5	231-791-2	None assigned	None
Vinyl acetate-Vinyl alcohol polymer	1-4	25213-24-5	607-648-9	None assigned	Eye Irrit. 2; H319
2-Propanol, 1-phenoxy-	1-5	770-35-4	212-222-7	None assigned	Eye Irrit. 2; H319
Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone	≤0.0015	55965-84-9	611-341-5	613-167-00-5	Skin Corr. 1B; H314, Acute Tox. 3; H301, H311, H331, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410 Specific Concentration Limits (C ≥ 0,0015) Skin Sens. 1; H317, (0,06 ≤ C < 0,6) Eye Irrit. 2; H319 (0,06 ≤ C < 0,6) Skin Irrit. 2; H315, (C ≥ 0,6) Skin Corr. 1B; H314

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
- 4.2 **Most important symptoms and effects, both acute and delayed**
- 4.3 **Indication of any immediate medical attention and special treatment needed**
- Rinse mouth. Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.
- Skin Contact: May cause an allergic skin reaction. Redness, Pain, Swelling, Itching, Burning, Dryness, and Dermatitis.
- Eye Contact: May cause eye irritation. Stinging, Tearing, Redness, and Swelling of eyes.
- Ingestion: Likely to be harmful or have adverse effects.
- Inhalation: None expected under normal conditions of use.
- 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
- 5.2 **Special hazards arising from the substance or mixture**
- 5.3 **Advice for firefighters**
- For dry polymer: Extinguish preferably with alcohol resistant foam, carbon dioxide or dry chemical.
- Do not use a heavy water stream. Use of heavy stream of water may spread fire.
- Non-flammable. Non-explosive. Reactivity: None known.
- The product in solution form does not burn. The product will only burn after the water it contains is driven off.
- 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**
- 6.2 **Environmental precautions**
- 6.3 **Methods and material for containment and cleaning up**
- 6.4 **Reference to other sections**
- Do not get in eyes, on skin, or on clothing. Do not breathe vapour. Ensure adequate ventilation. Evacuate if necessary. Ensure suitable personal protection during removal of spillages. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.
- Avoid run off to waterways and sewers.
- Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal. Dispose of empty containers and wastes safely.
- See Also Section: 8, 13

7. SECTION 7: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling**
- 7.2 **Conditions for safe storage, including any incompatibilities**
- Storage Temperature
- 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. Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.
- Store in a cool/low-temperature, well-ventilated (dry) place. Keep container closed when not in use. Keep away from frost. Keep away from heat and direct sunlight.
- 10-35°C (50-95°F)



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- Storage Life
Incompatible materials
- 7.3 Specific end use(s)**
- Stable under normal conditions.
Acids, Alkalis, Strong oxidising agents, Water.
Consumer Adhesives for building, carpentry, or hobby projects using any type of wood. It is water resistant (passess ANSI/ HPVA Type II), sandable, and paintable.

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
Water	7732-18-5					None assigned
Vinyl acetate- Vinyl alcohol polymer	25213-24-5					None assigned
2-Propanol, 1- phenoxy-	770-35-4					None assigned
Mixture, 3(2H)- isothiazolone, 5- chloro-2-methyl- with 2-methyl- 3(2H)- isothiazolone	55965-84-9					None assigned

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.



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9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Light Tan, Milky.
Odour	Sweet.
Odour Threshold	No data.
pH	2,5-3,5
Melting Point/Freezing Point	0°C (32°F)
Initial boiling point and boiling range	100°C (212°F)
Flash Point	No data.
Evaporation rate	No data.
Flammability (solid, gas)	No data.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	No data.
Vapour density	No data.
Relative density	No data.
Solubility(ies)	No data.
Partition coefficient: n-octanol/water	No data.
Auto-ignition temperature	No data.
Decomposition Temperature	No data.
Viscosity	4000-6000 cP @ 25°C (77°F)
Explosive properties	No data.
Oxidising properties	No data.

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None known.
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)	Carbon monoxide, Carbon dioxide, Oxides of Aluminium.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Not classified.
Oral	2-Propanol, 1-phenoxy-: LD50 (rat) = 2830 mg/kg Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone: ATE (CLP) = 100000 mg/kg bw 3(2H)-isothiazolone, 5-chloro-2-methyl-: LD50 (rat) = 481 mg/kg; ATE (CLP) = 100000 mg/kg bw
Dermal	2-Propanol, 1-phenoxy-: LD50 (rat) = >2000 mg/kg Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone: ATE (CLP) = 300000 mg/kg bw 3(2H)-isothiazolone, 5-chloro-2-methyl-: ATE (CLP) = 300000 mg/kg bw



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Inhalation	Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone: ATE (CLP) (4 hour(s)) = 0,500mg/l 3(2H)-isothiazolone, 5-chloro-2-methyl-: LD50 (rat) (4 hour(s)) = 1,23mg/l
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Low toxicity to aquatic organisms. 3(2H)-isothiazolone, 5-chloro-2-methyl-: LC50(Fish)(96 hour) = 1,6 mg/l EC50(Daphnia magna)(48 hour) = 0,12-0,3 mg/l, 4,71 mg/l
12.2 Persistence and degradability	No information available.
12.3 Bioaccumulative potential	3(2H)-isothiazolone, 5-chloro-2-methyl-: -0,71 – 0,75 @20°C Log Pow
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.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Do not discharge waste and/or cleaning water via public sewer system. 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	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.



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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: 3, 5, 11, 14, 15

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
Acute Tox. 3	Acute toxicity Category 3
Eye Irrit. 2	Serious eye damage/irritation Category 2
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Sens. 1	Respiratory or skin sensitization Category 1
Aquatic Acute 1	Hazardous to the aquatic environment Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment Category 1

Hazard statement(s)

H301	Toxic 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.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.



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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.