



MATERIALS SAFETY DATA SHEET

According to Regulation (EC) No. 453/2010 (REACH)

Date: October 15, 2013

Version 3

Supersede Date: 3-18-11

1. IDENTIFICATION OF PRODUCT

Product Name: Gorilla Wood Glue

Product Description: Polyvinyl Acetate Polymer product in water

End Use: Consumer adhesive

Supplier: Gorilla Glue Europe A/S
Egeskovvej 12
DK-3490 Kvistgaard
Denmark

Tel: UK: +44 (0) 1257 241319
Fax: UK: +44 (0) 808 2801881

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

2. HAZARDS IDENTIFICATION

Basis for Classification This mixture is classified and labelled according Directive 1999/45/EC, as amended.

Indication of danger Irritant.

Symbol



R-Phrase(s) R36 – Irritating to eyes.

S-Phrase(s) S2 – Keep out of reach of children.
S24 – Avoid contact with the skin.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 – wear suitable protective clothing, gloves and eye/face protection.

Statements of hazard Frequent contact can lead to skin and eye irritation, especially if product is allowed to dry out. Observe the usual precautions when handling chemicals.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	% by weight	Hazard Statements
Vinyl Acetate Polymer	Not Available	48 – 51%	
Water	7732-18-5	49 – 52%	
Aluminum chloride hexahydrate	7784-13-6	<4%	
Propylene glycol phenyl ether	770-35-4	<1.5%	
• EC-NO. 212-222-7	67/548/EEC XI, R36	1272/2008/EC (CLP) Serious eye damage/eye irritation – Category 2	H319



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4. FIRST AID MEASURES

General Information

Skin	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
Eyes	Flush eyes gently with water while holding eyelids apart for at least 15 minutes. If symptoms persist or there is visual difficulty, seek medical attention.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.
Notes to physician	
Main symptoms	None known.
Treatment	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water mist, alcohol resistance foam, carbon dioxide (CO₂), Dry chemical. The product in its solution form does not burn. It will burn only after the water it contains is driven off.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Environmental precautions

Dike and collect water used to fight fire.

Other Information

This is a water-based product and presents no particular fire or explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local, state, and federal regulations.

Additional information

Consult trained personnel. Consider the information for "Personal Protection" in chapter 8 of this Safety Data Sheet.



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7. HANDLING AND STORAGE

Handling

Hygiene measures

Take off all contaminated clothing immediately. Wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

Advice on safe handling

Open product and work in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice.

Incompatible products

Materials that react with water.

Protection - fire and explosion:

No special protective measures against fire required.

Reduce the release of the substance or mixture to the environment

See Section 8: Environmental exposure controls.

Storage

Material storage

Keep at temperatures between 5 and 35 °C (40 and 95 F). Protect from frost. To maintain product quality, do not store in heat or direct sunlight.

Incompatible products

Materials that react with water.

Technical measures/Storage conditions

Keep tightly closed in a dry and cool place. No special technical protective measures required.

German storage class

12: Non-combustible liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EC Exposure Limit Values

No exposure limits established.

National occupational exposure limits (Germany)

No exposure limits established.

ACGIH Exposure Limits

No exposure limits established.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)

Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment

General advice

Avoid contact with skin and eyes.

Hygiene measures

Take off all contaminated clothing immediately. Wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

Eye protection

Safety glasses.

Hand protection

Chemicals resistant gloves.

Suitable material

nitrile rubber.

Type

Nitril (Company KCL) or comparable article;
or refer to glove manufacturer's recommendation.

Evaluation

according to EN 374: level 6

Material thickness

approx. 0.1 / 0.4 mm

Break through

> 480 min

Environmental exposure controls

Do not discharge into the drains/surface waters/groundwater.

Environmental Precautions

Should not be released into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form

liquid

Color

milky white

Odor

sweet

Freezing point

0°C

Boiling point/range

100°C

pH

2.5 - 3.5

Viscosity

4000 - 6000 s @ 25 °C

Method

Brookfield Visc. RVT Sp. 2 / 20 r.p.m.

Remarks

The product was not tested for properties not listed on the MSDS.



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10. STABILITY AND REACTIVITY

Reactivity	Stable under recommended storage conditions.
Chemical Stability	No decomposition if stored and applied as directed. This cross-linked polymer will release formaldehyde in application processes involving the use of greater than 100 °C (212 F).
Possibility of hazardous reactions	No hazards to be especially mentioned.
Conditions to avoid	Do not freeze.
Incompatible Materials	Materials that react with water.
Hazardous decomposition products	No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Observe the usual hygienic measures for handling chemicals. Toxicological data are not available.

12. ECOLOGICAL INFORMATION

Not a marine pollutant.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Product and any contaminated absorbent should be disposed of in accordance with local, state and federal regulations. Consult your state or local authorities for proper disposal in the event more restrictive requirements apply. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

European Waste Catalogue

Allocation of a waste code number, according to the European Waste Catalogue (EWC) should be carried out in agreement with the regional waste disposal company.

14. TRANSPORT INFORMATION

U.S. Department of Transportation – ROAD/RAIL/INLAND WATERWAYS

Not Regulated.

Transport Canada – ROAD/RAIL/INLAND WATERWAYS

Not Regulated.

International Maritime Dangerous Goods – IMDG

Not Regulated.

International Air Transport Association – ICAO/IATA – CARGO / PASSENGER

Not Regulated.

Regulation for the Carriage of Dangerous Substances on the Rhine – ADN

Not Regulated.



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15. REGULATORY INFORMATION

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

Labeling is in accordance with EU directives.

Chemical Safety Assessment:

Not Applicable.

16. OTHER INFORMATION

Risk Phrases R36 – Irritating to eyes.

Safety Phrases S2 – Keep out of reach of children.

S24 – Avoid contact with the skin.

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

Hazard Statement H319 – Causes serious eye irritation.

The information presented in this Material 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.