



Gorilla Waterproofing Paste Clear

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Gorilla Waterproofing Paste Clear
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not applicable.
Contains:	N-(3-(trimethoxysilyl)propyl)ethylenediamine; Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate)
Unique Formula Identifier (UFI):	PP20-G021-5003-6HK5

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

1.4 Emergency telephone number

Emergency Phone No.	+44 (0)843 507 1200
Contact	Stuart Shotton
National response centre	
Address	NHS Direct
Emergency Phone No.	+44 111

**Gorilla Waterproofing Paste Clear****SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

GB CLP Regulation, UK SI 2019/720
and UK SI 2020/1567

Skin Sens. 1A :May cause an allergic skin reaction.
Eye Irrit. 2 :Causes serious eye irritation.
Aquatic Chronic 3 :Harmful to aquatic life with long lasting effects.

2.2 Label elements

Product Name

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
Gorilla Waterproofing Paste Clear

Contains: N-(3-(trimethoxysilyl)propyl)ethylenediamine; Reaction mass of
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-
pentamethyl-4-piperidyl sebacate

Hazard Pictogram(s)



Signal Word(s)

GHS07
Warning

Hazard Statement(s)

H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.

Precautionary Statement(s)

H412: Harmful to aquatic life with long lasting effects.
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P261: Avoid breathing fumes.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P501: Dispose of contents in accordance with local, state or national legislation.

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. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
N-(3-(trimethoxysilyl)propyl) ethylenediamine	1760-24-3	217-164-6	1-2	Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07

**Gorilla Waterproofing Paste Clear**

Trimethoxyvinylsilane	2768-02-7	220-449-8	1-2	Skin Sens. 1B H317	GHS07
Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	1065336-91-5	915-687-0	0.1-0.5	Skin Sens. 1A H317 Repr. 2 H361 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS08 GHS07 GHS09
Dioctyltin oxide	870-08-6	212-791-1	<0.1	STOT SE 2 H371	GHS08
Methanol	67-56-1	200-659-6	<0.05	Flam. Liq. 2 H225 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT SE 1 H370	GHS02 GHS06 GHS08

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 develop, obtain medical attention.
Skin Contact	Wash with plenty of water. If skin irritation or rash 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 develop, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. Causes serious eye 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.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

None anticipated. May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

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



Gorilla Waterproofing Paste Clear

Provide adequate ventilation. Avoid breathing fumes. Wear appropriate personal protective equipment, avoid direct contact. Wash hands and exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. 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

General hygiene measures for the handling of chemicals are applicable. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid contact with skin and eyes. Avoid breathing fumes. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
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
Methanol	67-56-1	200	266	250	333	Sk
Tin compounds, organic, except Cyhexatin (ISO), (as Sn)	870-08-6		0.1		0.2	Sk

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.



Gorilla Waterproofing Paste Clear

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).



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.



Respiratory protection

Wear suitable respiratory protective equipment if exposure to high levels of material are likely.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Paste.
	Colour : Clear.
Odour	Odourless.
Odour threshold	Not established.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not applicable.
Evaporation rate	Not known.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Not known.
	Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (° C)	Not known.
Viscosity	Not applicable.
Explosive properties	Not explosive.

**Gorilla Waterproofing Paste Clear**

Oxidising properties

Not oxidising.

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

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Acute toxicity - Ingestion

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE – 500000

Acute toxicity - Skin Contact

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE – 1500000

Acute toxicity - Inhalation

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE – 2500

Skin corrosion/irritation

Calculation method : Not classified.

Serious eye damage/irritation

Calculation method : Causes serious eye irritation.

<3% N-(3-(trimethoxysilyl)propyl)ethylenediamine : Serious damage to rabbit eyes, with effects that were not fully reversed in five of six during the 21-day observation period.

Skin sensitization data

Calculation method : May cause an allergic skin reaction.

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate : According to the maximisation grading the neat test compound showed a strong grade of skin-sensitising (contact allergenic) potential in albino guinea pigs.

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.

**Gorilla Waterproofing Paste Clear**

Lactation
STOT - single exposure
STOT - repeated exposure
Aspiration hazard
Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity - Aquatic invertebrates

Harmful to aquatic life with long lasting effects.

Toxicity - Fish

No data.

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate : LC50 (96 hour) (Zebra fish) : 0.9 mg/l

Toxicity - Algae

No data.

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

No information on this formulation.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None known.

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

Dispose of this material and its container as hazardous waste. Dispose of empty containers and wastes safely.

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

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

**Gorilla Waterproofing Paste Clear**

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

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for

Not listed

Authorisation

UK REACH Authorisation List (Annex XIV) list of substances subject to

Not listed

authorisation

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3) - Entry 3
Trimethoxyvinylsilane (2768-02-7) - Entry 3, 40, 75, Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5) - Entry 3, Dioctyltin oxide (870-08-6) - Entry 20,
Methanol (67-56-1) - Entry 3, 40, 69, 75

UK REACH Rolling Action Plan (RAP)

Not listed

Persistent Organic Pollutants (Various Amendments) Regulations 2019 (SI

Not listed

2019/1099)

The Ozone-Depleting Substances and

Not listed

Fluorinated Greenhouse Gases

(Amendment etc.) (EU Exit) Regulations

2019 (SI 2019/583)

The Prior Informed Consent (PIC)

Dioctyltin oxide (870-08-6)

Regulations concerning the export and

import of hazardous chemicals

SI2008/2108 as amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Trimethoxyvinylsilane (2768-02-7), Methanol (67-56-1), Dioctyltin oxide (870-08-6)

Seveso Directive

None known.

15.2 Chemical Safety Assessment

United Kingdom

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

**Gorilla Waterproofing Paste Clear**

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

LEGEND

Hazard Pictogram(s)



GHS07

GHS02: GHS: Flame

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Acute Tox. 3 : Acute toxicity, Category 3

Skin Sens. 1A : Skin sensitization, Category 1A

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

Repr. 2 : Reproductive toxicity, Category 2

STOT SE 1 : Specific target organ toxicity — single exposure, Category 1

STOT SE 2 : Specific target organ toxicity — single exposure, Category 2

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H335: May cause respiratory irritation.

H361: Suspected of damaging fertility or the unborn child.

H370: Causes damage to organs.

H371: May cause damage to organs.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P101: If medical advice is needed, have product container or label at hand.



Gorilla Waterproofing Paste Clear

P102: Keep out of reach of children.
P261: Avoid breathing fumes.
P264: Wash hands and exposed skin thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see Medical Advice on this label).
P333+P313: If skin irritation or rash 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.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
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

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

Training Advice

Regular safety training as appropriate

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Gorilla Glue Europe Ltd gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Gorilla Glue Europe Ltd accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.



Gorilla Waterproofing Paste Clear