

**Gorilla Glue Clear**

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 Glue Clear Contains: N-(3-(trimethoxysilyl)propyl)ethylenediamine, Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not applicable.
Unique Formula Identifier (UFI)	3CP5-G0EE-Q003-3PST

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 PR7 7NA
Postal code	PR7 7NA
Telephone:	01257 241 319
E-mail	Eucustomercare@gorillaglu.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@gorillaglu.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)

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

Regulation (EC) No. 1272/2008 (CLP) Skin Sens. 1B :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

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

Product Name

Gorilla Glue Clear

Contains: N-(3-(trimethoxysilyl)propyl)ethylenediamine, Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

Hazard Pictogram(s)



GHS07

Signal Word(s)

Warning

Hazard Statement(s)

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

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.

P102: Keep out of reach of children.

P261: Avoid breathing vapours.

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.

Unique Formula Identifier (UFI)

3CP5-G0EE-Q003-3PST

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)
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	217-164-6 01-2119970215-39-XXXX	<3	Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07

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Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	255-437-1	<1	Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS07 GHS09
Trimethoxyvinylsilane	2768-02-7	220-449-8	<1	Skin Sens. 1B H317	GHS07
propan-2-ol	67-63-0	200-661-7 01-2119457558-25-XXXX	<0.003	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07

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.
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.

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

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**

Provide adequate ventilation. Avoid breathing vapours. Wear suitable protective clothing, gloves and eye/face protection. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed skin thoroughly after handling.

6.2 Environmental precautions

Avoid release to the environment.



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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

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 vapours. 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.

7.2 Conditions for safe storage, including any incompatibilities

Keep container in a well-ventilated place.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidising agents.

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
Propan-2-ol	67-63-0	400	999	500	1250	

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

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.



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 release to the environment.

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

Physical state	Liquid.
Colour	Colourless.
Odour	Odourless.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Non-flammable.
Lower and upper explosion limit	Not known.
Flash Point	82° C [Closed cup]
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Dynamic viscosity : 6000-10000 cP
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Relative density : 1.099
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.

**Gorilla Glue Clear****10.4 Conditions to avoid**

Heat and direct sunlight.

10.5 Incompatible materials

Strong oxidising 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) - 101010.1
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
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. N-(3-(trimethoxysilyl)propyl)ethylenediamine : A guinea pig maximisation study conducted according to OECD 406 and in compliance with GLP (reliability score 1) provoked a positive reaction in 30% of the test animals, which demonstrated that the test substance is a skin sensitiser.
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.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

	Harmful to aquatic life with long lasting effects.
Toxicity - Aquatic invertebrates	No data.
Toxicity - Fish	No data.
Toxicity - Algae	No data.

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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

No information available.

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 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

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

High Concern for Authorisation

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

REACH: Annex XVII Restrictions on the N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3), Bis(1,2,2,6,6-
manufacture, placing on the market and pentamethyl-4-piperidyl) sebacate (41556-26-7) - Entry 3
use of certain dangerous substances, Trimethoxyvinylsilane (2768-02-7), propan-2-ol (67-63-0) - Entry 3, Entry 40,
mixtures and articles Entry 75

Community Rolling Action Plan (CoRAP) Trimethoxyvinylsilane (2768-02-7)

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

Seveso Directive None known.

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

The following sections contain revisions or new statements: 1-3, 8-9, 11-12, 15-16

LEGEND

Hazard Pictogram(s)



GHS07

GHS02: GHS: Flame

GHS05: GHS: Corrosion

GHS09: GHS: Environment

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Skin Sens. 1 : Skin sensitization, Category 1

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

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

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Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
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)

P261: Avoid breathing vapours.
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
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



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