

**Gorilla All-Conditions Sealant White**

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 All-Conditions Sealant White

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

Identified Use(s) Sealants

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 Eucustomer@gorillaglue.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 Eucustomer@gorillaglue.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:

Emergency Phone No. NHS Direct
+44 111 (24 hours)

Republic of Ireland

Emergency Phone No. NPIC Ireland
+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 dangerous for supply/use.

2.2 Label elements

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

Product Name Gorilla All-Conditions Sealant White

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) EUH210: Safety data sheet available on request.

EUH208: Contains: (dimethylbis[(1-oxododecyl)oxy]stannane) May produce an allergic reaction.

EUH212: Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

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

This product contains the following substances which fulfil the criteria of very Persistent and very Bioaccumulative (vPvB) according to Annex XIII to Regulation (EC) No 1907/2006:

CAS. 540-97-6, dodecamethyl cyclohexasiloxane

**Gorilla All-Conditions Sealant White**CAS. 541-02-6, decamethylcyclopentasiloxane
See Section 12 for additional information.**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)
Titanium dioxide **	13463-67-7	236-675-5 01-2119489379-17-XXXX	<5	Carc. 2 H351 Note 10*	GHS 08
Dodecamethylcyclohexasiloxane	540-97-6	208-762-8 01-2119517435-42-XXXX	<1	Not classified	None
Decamethylcyclopentasiloxane	541-02-6	208-764-9 01-2119511367-43-XXXX	<0.5	Not classified	None
dimethylbis[(1-oxodecyl)oxy]stannane	68928-76-7	273-028-6 01-2120770324-57-XXXX	<0.1	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1A H317 Aquatic Chronic 3 H412	GHS 07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
dimethylbis[(1-oxodecyl)oxy]stannane	68928-76-7			Acute Tox. 4 (H302): 500

*Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$.

** Titanium dioxide is present in the product. However, the product does not present an inhalation hazard. This is because the TiO_2 is inextricably bound in the polymeric matrix of the sealant and cannot be inhaled.

Contains a non-classified vPvB substance. Dodecamethylcyclohexasiloxane (540-97-6) Decamethylcyclopentasiloxane (541-02-6)

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 develop, obtain medical attention.

Skin Contact

Wash with plenty of water. If symptoms occur 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 develop, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

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

Decomposes in a fire giving off toxic fumes: Silicon oxide, Carbon oxides.
When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released.

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

**Gorilla All-Conditions Sealant White****6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact. 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

Sweep up spilled substance. 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. Wear appropriate personal protective equipment, avoid direct contact. Wash hands and exposed skin after use. Use only outdoors or in a well-ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidising agents.

7.3 Specific end use(s)

Sealants

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
Titanium dioxide total inhalable	13463-67-7		10			
Titanium dioxide respirable	13463-67-7		4			

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

Remark Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment

Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required. Wear suitable gloves if prolonged skin contact is likely. Recommended: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

Normally no personal respiratory protection is necessary. Wear suitable respiratory protective equipment if exposure to high levels of material are likely.



**Gorilla All-Conditions Sealant White**

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	paste.
Colour	White.
Odour	Acetic acid odour.
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	Not applicable.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Not known.
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 : 1.007
Relative vapour density	Not known.
Particle characteristics	Not known.

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

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	Low oral toxicity. Calculated acute toxicity estimate (ATE): 980392.19000
Acute toxicity - Skin Contact	Low acute toxicity.
Acute toxicity - Inhalation	Low acute toxicity.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Non-irritant.
Skin sensitization data	It is not a skin sensitizer.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenic effects.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.

11.2 Information on other hazards

**Gorilla All-Conditions Sealant White****11.2.1 Endocrine disrupting properties**

None known.

11.2.2 Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity - Aquatic invertebrates	No data.
Toxicity - Fish	No data.
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

CAS. 540-97-6, dodecamethyl cyclohexasiloxane. Meets the criteria of REACH Annex XIII for vPvB.
CAS. 541-02-6, decamethylcyclopentasiloxane. Meets the criteria of REACH Annex XIII for 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. 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 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	Dodecamethylcyclohexasiloxane (540-97-6) Decamethylcyclopentasiloxane (541-02-6)
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,	Decamethylcyclopentasiloxane (541-02-6), dimethylbis[(1-oxodecyl)oxy]stannane (68928-76-7)

**Gorilla All-Conditions Sealant White**

mixtures and articles

Community Rolling Action Plan (CoRAP) Titanium dioxide (13463-67-7)

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**

Other Not known.

15.2 Chemical Safety Assessment

Not applicable.

SECTION 16: OTHER INFORMATION

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

LEGEND

Hazard Pictogram(s)	GHS07: GHS: Exclamation mark GHS08: GHS: Health hazard
Hazard classification	Acute Tox. 4 : Acute toxicity, Category 4 Skin Irrit. 2 : Skin corrosion/irritation, Category 2 Skin Sens. 1A : Skin sensitization, Category 1A Carc. 2: Carcinogenicity, Category 2 Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3
Hazard Statement(s)	H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H351: Suspected of causing cancer. H412: Harmful to aquatic life with long lasting effects. EUH210: Safety data sheet available on request. EUH208: Contains: (dimethylbis[(1-oxonodecyl)oxy]stannane) May produce an allergic reaction. EUH212: Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.
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.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures EC : European Community LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic 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)
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