

**Gorilla Grab and Seal**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name	Gorilla Grab and Seal
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not applicable.
Unique Formula Identifier (UFI)	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; 3-iodo-2-propynyl butylcarbamate SD01-61YD-1003-UX7W

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

Identified Use(s)	Adhesives. 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	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**

Emergency Phone No.	+44 (0)843 507 1200
Contact	Stuart Shotton

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)	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 Regulation (EC) No. 1272/2008 (CLP) Gorilla Grab and Seal 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; 3-iodo-2-propynyl butylcarbamate
--------------	---

Hazard Pictogram(s)



Signal Word(s)

GHS07  
Warning



## Gorilla Grab and Seal

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)	SD01-61YD-1003-UX7W
<b>2.3 Other hazards</b>	Contains 3-iodo-2-propynylbutylcarbamate (IPBC), a biocidal product to prevent microbial growth on the surface of the product. Please follow all usage instructions.
<b>2.4 Additional Information</b>	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	1-5	Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07
Trimethoxyvinylsilane	2768-02-7	220-449-8	1-5	Skin Sens. 1B H317	GHS07
Titanium dioxide	13463-67-7	236-675-5 01-2119489379-17-XXXX	1-5	Not classified	None
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 01-2119491304-40-XXXX	0.2-0.3	Skin Sens. 1A H317 Repr. 2 H361f Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS08 GHS07 GHS09
3-iodo-2-propynyl butylcarbamate	55406-53-6	259-627-5 01-2120762115-60-XXXX	<0.1	Acute Tox. 4 H302 Skin Sens. 1 H317 Eye Dam. 1 H318 Acute Tox. 3 H331 STOT RE 1 H372 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS08 GHS07 GHS09
Methanol	67-56-1	200-659-6 01-2119433307-44-XXXX	≤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
Diocetyl tin oxide	870-08-6	212-791-1 01-2119971268-27-XXXX	≤0.05	STOT SE 2 H371	GHS08

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
3-iodo-2-propynyl butylcarbamate	55406-53-6		Aquatic Acute 1: 10	Acute Tox. 4 (H302) : 500 Acute Tox. 3 (H331) : 3
Methanol	67-56-1	STOT SE 1 C <sub>1</sub> ≥ 10.00 ≤ 100.00		Acute Tox. 3 (H301) : 100
		STOT SE 2 C <sub>2</sub> ≥ 3.00 < 10.00		Acute Tox. 3 (H311) : 300 Acute Tox. 3 (H331) : 3.000

Contains no non-classified vPvB substances.

Contains a non-classified substance with a Union workplace exposure limit: Titanium dioxide (13463-67-7)

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 persist, obtain medical attention.
Skin Contact	Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.



## Gorilla Grab and Seal

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 persist, obtain medical attention.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	Causes serious eye irritation. May cause an allergic skin reaction.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	Unlikely to be required but if necessary treat symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

<b>5.1 Extinguishing media</b>	
Suitable extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.
<b>5.2 Special hazards arising from the substance or mixture</b>	
	May decompose in a fire, giving off toxic and irritant vapours.
<b>5.3 Advice for firefighters</b>	
	Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
	Provide adequate ventilation. Avoid breathing vapours. Wear appropriate personal protective equipment, avoid direct contact. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed skin thoroughly after handling.
<b>6.2 Environmental precautions</b>	
	Avoid release to the environment.
<b>6.3 Methods and material for containment and cleaning up</b>	
	Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.
<b>6.4 Reference to other sections</b>	
	See Also Section 8, 13.

### SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	
	General hygiene measures for the handling of chemicals are applicable. 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. If medical advice is needed, have product container or label at hand. Keep out of reach of children.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
	Keep container tightly closed and in a well-ventilated place.
Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	Strong oxidising agents.
<b>7.3 Specific end use(s)</b>	
	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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Methanol	67-56-1	200	266	250	333	Sk
Titanium dioxide total inhalable	13463-67-7		10			
Titanium dioxide respirable	13463-67-7		4			
Tin compounds, organic, except	870-08-6		0.1		0.2	Sk



## Gorilla Grab and Seal

Cyhexatin (ISO) <sub>2</sub> (as Sn)						
--------------------------------------	--	--	--	--	--	--

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.

### 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 protective eye glasses for protection against liquid splashes.



Skin protection    Wear protective clothing and gloves: Impervious gloves.  
Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection    Handling of larger amounts : Wear suitable respiratory protection.



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	White.
Odour	Faint citrus-like 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	>93.3°C
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	Density : 1.44 g/cm <sup>3</sup>
Relative vapour density	Not known.
Particle characteristics	Not applicable.

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability



## Gorilla Grab and Seal

- 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  
Calculation method : Not classified.  
Calculation method : Calculated acute toxicity estimate (ATE): 144927.55
- Acute toxicity - Skin Contact  
Calculation method : Not classified.  
Calculation method : Calculated acute toxicity estimate (ATE): 600000
- Acute toxicity - Inhalation  
Calculation method : Not classified.  
Calculation method : Calculated acute toxicity estimate (ATE): 2068.97
- Skin corrosion/irritation  
Calculation method : Not classified.
- Serious eye damage/irritation  
Calculation method : Causes serious eye irritation. No data.
- Skin sensitization data  
Calculation method : May cause an allergic skin reaction. No data.
- 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

- Toxicity - Aquatic invertebrates  
Harmful to aquatic life with long lasting effects.  
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

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 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.

**Gorilla Grab and Seal**

<b>14.1 UN number or ID number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not classified as a Marine Pollutant.
<b>14.6 Special precautions for user</b>	Not known
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	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

REACH: ANNEX XIV list of substances subject to authorisation

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Community Rolling Action Plan (CoRAP)

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

Regulation (EU) N° 528/2012 of the European Parliament and of the Council concerning the making available on the market and use of biocidal products

**National regulations**

Other

**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: 1-16

**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



## Gorilla Grab and Seal

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.  
H361f: Suspected of damaging fertility.  
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)

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  
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  
Training Advice

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