

**Gorilla Grab Adhesive 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 Grab Adhesive White
CAS No. Not applicable.
EC No. Not applicable.
REACH Registration No. Not known.
Unique Formula Identifier (UFI) MF00-A03Q-6007-ONEG

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
PR7 7NA
Postal code 01257 241 319
Telephone: eucustomer care@gorillaglu e.com
E-mail 08:30 - 17:00
Office hours
Supplier

Company Identification GG Brands Netherlands B.V.
Address of Supplier Lichttoren 32
5611 BJ
Eindhoven
Telephone +31 85 064 4029
E-mail eucustomer care@gorillaglu e.com

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)

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

Regulation (EC) No. 1272/2008 (CLP) Eye Irrit. 2 :Causes serious eye irritation.

2.2 Label elements

Product Name
Hazard Pictogram(s)

According to Regulation (EC) No. 1272/2008 (CLP)
Gorilla Grab Adhesive White



Signal Word(s)
Hazard Statement(s)

GHS07
Warning
H319: Causes serious eye irritation.
EUH208: Contains: N-(3-(trimethoxysilyl)propyl)ethylenediamine,
Trimethoxyvinylsilane. May produce an allergic reaction.
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.

Precautionary Statement(s)

**Gorilla Grab Adhesive White**

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
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. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Titanium dioxide	13463-67-7	236-675-5 01-2119489379-17-XXXX	<3	Not classified	None
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	217-164-6 01-2119970215-39-XXXX	<1	Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07
Trimethoxyvinylsilane	2768-02-7	220-449-8	<1	Skin Sens. 1B H317	GHS07
3-(trimethoxysilyl)propylamine	13822-56-5	237-511-5 01-2119510159-45-XXXX	<1	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS05 GHS07
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	2530-83-8	219-784-2 01-2119513212-58-XXXX	≤0.5	Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	52829-07-9	258-207-9 01-2119537297-32-XXXX	<0.5	Eye Dam. 1 H318 Repr. 2 H361f Aquatic Acute 1 H400 Aquatic Chronic 2 H411	GHS05 GHS08 GHS09
Diocetyl tin oxide	870-08-6	212-791-1 01-2119971268-27-XXXX	<0.1	STOT SE 2 H371	GHS08
Tetraethyl silicate	78-10-4	201-083-8 01-2119496195-28-XXXX	<0.05	Flam. Liq. 3 H226 Eye Irrit. 2 H319 Acute Tox. 4 H332 STOT SE 3 H335	GHS02 GHS07

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 skin with soap and water.

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

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.

**Gorilla Grab Adhesive White****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

Combustion or thermal decomposition will evolve toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire.

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely. 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

Absorb 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 eyes. Wear protective gloves/eye protection. Wash hands and exposed skin thoroughly after handling.

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, Sealants

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****8.1.1 Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTCL (8 hr TWA ppm)	LTCL (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			
Tin compounds, organic, except Cyhexatin (ISO), (as Sn)	870-08-6		0.1		0.2	Sk
Tetraethyl orthosilicate	78-10-4	5	44			

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 Grab Adhesive White****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 suitable gloves if prolonged skin contact is likely.
Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

Normally no personal respiratory protection is necessary.
Handling of larger amounts: Wear suitable respiratory protection.



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	Liquid.
Colour	White.
Odour	Characteristic.
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 known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Immiscible. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
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

Stable under normal conditions.

10.3 Possibility of hazardous reactions

**Gorilla Grab Adhesive White**

- 10.4 Conditions to avoid** No hazardous reactions known if used for its intended purpose.
- 10.5 Incompatible materials** Heat and direct sunlight.
- 10.6 Hazardous decomposition products** Not known.
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.
Acute toxicity - Skin Contact	Low acute toxicity.
Acute toxicity - Inhalation	Low acute toxicity.
	Calculated acute toxicity estimate (ATE) Calc ATE - 29333.33000
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Causes serious eye irritation. No data.
Skin sensitization data	It is not a skin sensitiser.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
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**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	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
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

Immiscible with water. The product is predicted to have low mobility in soil.

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**

**Gorilla Grab Adhesive White**

Dispose at suitable refuse site.

13.2 Additional Information

Dispose of contents 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

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, mixtures and articles Diocetyl tin oxide (870-08-6), N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3), Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9), Trimethoxyvinylsilane (2768-02-7), 3-(trimethoxysilyl)propylamine (13822-56-5), [3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8), Tetraethyl silicate (78-10-4)

Community Rolling Action Plan (CoRAP) Titanium dioxide (13463-67-7), Trimethoxyvinylsilane (2768-02-7), Diocetyl tin oxide (870-08-6)

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Diocetyl tin oxide (870-08-6)

National regulations

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:

2-4, 6-9, 11, 15-16

LEGEND

Hazard Pictogram(s)

GHS07
GHS02: GHS: Flame
GHS05: GHS: Corrosion
GHS08: GHS: Health hazard
GHS09: GHS: Environment

**Gorilla Grab Adhesive White**

Hazard classification	Flam. Liq. 3 : Flammable liquid, Category 3 Skin Irrit. 2 : Skin corrosion/irritation, Category 2 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 Acute Tox. 4 : Acute toxicity, Category 4 STOT SE 3 : Specific target organ toxicity – single exposure, Category 3 Repr. 2 : Reproductive toxicity, Category 2 STOT SE 2 : Specific target organ toxicity – single exposure, Category 2 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2 Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3
Hazard Statement(s)	H226: Flammable liquid and vapour. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H361f: Suspected of damaging fertility. H371: May cause damage to organs. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects. EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Precautionary Statement(s)	P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
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)
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 Grab Adhesive White**

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 Grab Adhesive White
CAS No. Not applicable.
EC No. Not applicable.
Registration number(s) Not known.
Unique Formula Identifier (UFI) MF00-A03Q-6007-ONEG

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 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

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

GB CLP Regulation, UK SI 2019/720 and Eye Irrit. 2 :Causes serious eye irritation.
UK SI 2020/1567

2.2 Label elements

Product Name According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
Hazard Pictogram(s) Gorilla Grab Adhesive White



Signal Word(s) GHS07
Warning
Hazard Statement(s) H319: Causes serious eye irritation.
EUH208: Contains: N-(3-(trimethoxysilyl)propyl)ethylenediamine,
Trimethoxyvinylsilane. May produce an allergic reaction.
Precautionary Statement(s) P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

**Gorilla Grab Adhesive White**

Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
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. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Titanium dioxide	13463-67-7	236-675-5 01-2119489379-17-XXXX	<3	Not classified	None
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	217-164-6 01-2119970215-39-XXXX	<1	Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07
Trimethoxyvinylsilane	2768-02-7	220-449-8	<1	Skin Sens. 1B H317	GHS07
3-(trimethoxysilyl)propylamine	13822-56-5	237-511-5 01-2119510159-45-XXXX	<1	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS05 GHS07
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	2530-83-8	219-784-2 01-2119513212-58-XXXX	≤0.5	Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	52829-07-9	258-207-9 01-2119537297-32-XXXX	<0.5	Eye Dam. 1 H318 Repr. 2 H361f Aquatic Acute 1 H400 Aquatic Chronic 2 H411	GHS05 GHS08 GHS09
Diocetyl tin oxide	870-08-6	212-791-1 01-2119971268-27-XXXX	<0.1	STOT SE 2 H371	GHS08
Tetraethyl silicate	78-10-4	201-083-8 01-2119496195-28-XXXX	<0.05	Flam. Liq. 3 H226 Eye Irrit. 2 H319 Acute Tox. 4 H332 STOT SE 3 H335	GHS02 GHS07

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 skin with soap and water.

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

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.

**Gorilla Grab Adhesive White****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

Combustion or thermal decomposition will evolve toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire.

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely. 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

Absorb 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 eyes. Wear protective gloves/eye protection. Wash hands and exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Adhesives, 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			
Tin compounds, organic, except Cyhexatin (ISO), (as Sn)	870-08-6		0.1		0.2	Sk
Tetraethyl orthosilicate	78-10-4	5	44			





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

**Gorilla Grab Adhesive White**

8.2.2. Personal protection equipment	purposes should be present.
Eye Protection	Wear protective eye glasses for protection against liquid splashes.
	
Skin protection	Wear suitable gloves if prolonged skin contact is likely. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.
	
Respiratory protection	Normally no personal respiratory protection is necessary. Handling of larger amounts: Wear suitable respiratory protection.
	
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**

Appearance	Liquid.
Odour	Colour : White.
Odour threshold	Characteristic.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not applicable.
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) : Immiscible. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (° C)	Not known.
Viscosity	Not known.
Explosive properties	Not explosive.
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

**Gorilla Grab Adhesive White**

- 10.4 Conditions to avoid** No hazardous reactions known if used for its intended purpose.
- 10.5 Incompatible materials** Heat and direct sunlight.
Not known.
- 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.
Acute toxicity - Skin Contact	Low acute toxicity.
Acute toxicity - Inhalation	Low acute toxicity.
	Calculated acute toxicity estimate (ATE) Calc ATE - 29333.33000
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Causes serious eye irritation. No data.
Skin sensitization data	It is not a skin sensitiser.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
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

Not known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
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

Immiscible with water. The product is predicted to have low mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

Not known.

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

Dispose at suitable refuse site.

13.2 Additional Information

Dispose of contents 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)

Not applicable

**Gorilla Grab Adhesive White**

- 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	Not known.
National regulations	
European Regulations - Authorisations and/or Restrictions On Use	
Candidate List of Substances of Very High Concern for Authorisation	Not listed
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, mixtures and articles	Diocetyl tin oxide (870-08-6), N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3), Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9), Trimethoxyvinylsilane (2768-02-7), 3-(trimethoxysilyl)propylamine (13822-56-5), [3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8), Tetraethyl silicate (78-10-4)
Community Rolling Action Plan (CoRAP)	Titanium dioxide (13463-67-7), Trimethoxyvinylsilane (2768-02-7), Diocetyl tin oxide (870-08-6)
Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Diocetyl tin oxide (870-08-6)
15.2 Chemical Safety Assessment	
United Kingdom	A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2-4, 6-9, 11, 15-16

LEGEND

Hazard Pictogram(s)



GHS07
GHS02: GHS: Flame
GHS05: GHS: Corrosion
GHS08: GHS: Health hazard
GHS09: GHS: Environment

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
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
Acute Tox. 4 : Acute toxicity, Category 4
STOT SE 3 : Specific target organ toxicity – single exposure, Category 3
Repr. 2 : Reproductive toxicity, Category 2
STOT SE 2 : Specific target organ toxicity – single exposure, Category 2
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2



Gorilla Grab Adhesive White

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

Hazard Statement(s)

H226: Flammable liquid and vapour.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H361f: Suspected of damaging fertility.
H371: May cause damage to organs.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.
EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Precautionary Statement(s)

P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

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

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