



SAFETY DATA SHEET

Date of Issue: 25-07-2025

Gorilla Window and Door Frame Silicone Sealant 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 Window and Door Frame Silicone Sealant Clear
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not applicable.

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@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	Eucustomer@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 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	Not classified as hazardous for supply.
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2.2 Label elements

Product Name	According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567 Gorilla Window and Door Frame Silicone Sealant Clear
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	EUH210: Safety data sheet available on request. EUH208: Contains: (4,5-dichloro-2-octyl- 2H-isothiazol-3-one) 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. P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

Biocidal Products Regulation	Contains a biocide in order to protect the product. Active ingredient : 4,5-dichloro-2-octyl- 2H-isothiazol-3-one (64359-81-5)
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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)
Distillates (petroleum), hydrotreated middle	64742-46-7	265-148-2	1-10	Asp. Tox. 1 H304	GHS08
Triacetoxyethylsilane	17689-77-9	241-677-4	1-5	Acute Tox. 4 H302 Skin Corr. 1B H314 Eye Dam. 1 H318 EUH014	GHS05 GHS07
Oligomeric ethyl and methyl acetoxysilanes			<2	Skin Corr. 1B H314 Eye Dam. 1 H318	GHS05
4,5-dichloro-2-octyl- 2H-isothiazol-3-one	64359-81-5	264-843-8	<0.05	Acute Tox. 4 H302 Skin Corr. 1 H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 EUH071	GHS06 GHS05 GHS07 GHS09

In contact with dampness, product separates a small quantity of Acetic acid (CAS No.: 64-19-7) which irritates skin and mucous membranes. The quantity of the acetic acid is not sufficient to contribute to the classification of the product.

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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 skin with water. If irritation develops and persists, get medical attention.
Eye Contact	Flush eyes with water for at least 15 minutes. If irritation develops and persists, get medical attention.
Ingestion	Wash out mouth with water. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

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	Alcohol-resistant foam, Carbon dioxide, Water spray, Dry powder, Sand, Sprinkler system
Unsuitable extinguishing media	Do not use water jet.

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition. Decomposes in a fire giving off toxic fumes: Formaldehyde

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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

Provide adequate ventilation. Avoid contact with skin and eyes. Wear protective equipment to comply with good occupational hygiene practice. 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

Caution - spillages may be slippery. Shut off leaks if without risk. Adsorb spillages onto sand, earth or any suitable adsorbent material. Sweep or shovel-up spillage and remove to a safe place. Transfer to a container for disposal. Flush spill area with copious amounts of water.

**Gorilla Window and Door Frame Silicone Sealant Clear****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. Product may release acetic acid. Eliminate sources of ignition. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. Wash hands and exposed skin after use. If medical advice is needed, have product container or label at hand. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry place. Keep container tightly closed and in a well-ventilated place.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Water, Alkalis, Alcohols - The reaction takes place with the formation of acetic acid.

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.	LTTEL (8 hr TWA ppm)	LTTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Acetic acid	64-19-7	10	25	20	50	

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).



Skin protection

Wear impervious gloves (EN374).

Recommended: Butyl rubber, Thickness of material: >0.3 mm,

Breakthrough time: >480 minutes.

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Respiratory protection

Recommended: Nitrile rubber, Thickness of material: >0.1 mm,
Breakthrough time: 60-120 minutes.

Normally no personal respiratory protection is necessary. Wear suitable respiratory protective equipment if exposure to high levels of material are likely. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



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	Paste.
	Colour : Clear.
Odour	Acetic acid odour.
Odour threshold	Not established.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	108° C
Evaporation rate	Not known.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Lower and upper explosion limit : 4-17% (Acetic acid)
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	1 g/cm ³ @ 23° C, 1013 hPa
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Insoluble. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	>400° C
Decomposition Temperature (° C)	>300° C
Viscosity	Dynamic viscosity : >1000000 mPa•s @ 23° C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

Hydrolysis products reduce the flash point.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

**Gorilla Window and Door Frame Silicone Sealant Clear****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

Water, Alkalis, Alcohols - The reaction takes place with the formation of acetic acid.

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 - 24984.58

Acute toxicity - Skin Contact

Calculation method : Not classified.

Acute toxicity - Inhalation

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 11428.57

Skin corrosion/irritation

Self classification:

Non-irritant to rabbit skin. Source : Expert judgement

Serious eye damage/irritation

Self classification:

Non-irritant to rabbit eyes. Source : Expert judgement

Skin sensitization data

Calculation method : Not classified.

It is not a skin sensitiser.

Contains: (4,5-dichloro-2-octyl-2H-isothiazol-3-one) May produce an allergic reaction.

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

Self classification: Not classified.

Kinematic Viscosity >20.5 mm²/s @ 40° C

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

The environmental hazard classification of this material is concluded by data available for the ingredients and the leachable amount of biocide in simulation tests in water. Based on available data no effects on aquatic organisms that are relevant for classification must be expected for the product up to its limits of water solubility.

12.1 Toxicity

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Toxicity - Aquatic invertebrates	Source : Expert judgement EC50 (48 hour) (Eastern oyster) : >1-<10 mg/l NOEC (Reproduction rate) (Daphnia magna) : >1 mg/l
Toxicity - Fish	Source : Expert judgement LC50 (96 hour) (Rainbow trout) : >10-<100 mg/l NOEC (Early life stage test) : >1 mg/l
Toxicity - Algae	Source : Expert judgement ErC50 (24 hour(s)) (Freshwater diatom) : >1-<10 mg/l NOEC (Growth rate) (24 hour(s)) (Freshwater diatom) : >1 mg/l
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.
12.2 Persistence and degradability	No information on this formulation. Polymer component : Biologically not degradable.
12.3 Bioaccumulative potential	No information on this formulation. Polymer component : No adverse effects expected.
12.4 Mobility in soil	Insoluble in 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	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of empty containers and wastes safely. May be disposed of by landfill in accordance with local regulations. Incineration by an approved method could be considered.
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)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable

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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 Not listed

of Very High Concern for Authorisation

UK REACH Authorisation List (Annex XIV) Not listed

list of substances subject to authorisation

UK REACH Restrictions List (Annex XVII) Distillates (petroleum), hydrotreated middle (64742-46-7),

Restrictions on the manufacture, placing Triacetoxymethylsilane (17689-77-9) - Entry 3

on the market and use of certain 4,5-dichloro-2-octyl- 2H-isothiazol-3-one (64359-81-5) - Entry 75

dangerous substances, mixtures and

articles

UK REACH Rolling Action Plan (RAP) Not listed

Persistent Organic Pollutants (Various Not listed

Amendments) Regulations 2019 (SI

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) Not listed

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) Not listed

Regulation (EU) No 528/2012 as retained Contains a biocide: 4,5-dichloro-2-octyl- 2H-isothiazol-3-one (PT07 – Film

in UK law and amended by the Biocidal Preservatives)

Products (Amendment) (EU Exit)

Regulations 2019

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

The following sections contain revisions or new statements:

1-16

LEGEND



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Hazard Pictogram(s)	GHS05: GHS: Corrosion GHS06: GHS: Skull and crossbones GHS07: GHS: Exclamation mark GHS08: GHS: Health hazard GHS09: GHS: Environment
Hazard classification	Acute Tox. 4 : Acute toxicity, Category 4 Asp. Tox. 1 : Aspiration hazard, Category 1 Skin Corr. 1 : Skin corrosion/irritation, Category 1 Skin Corr. 1B : Skin corrosion/irritation, Category 1B Skin Sens. 1A : Skin sensitization, Category 1A Eye Dam. 1 : Serious eye damage/irritation, Category 1 Acute Tox. 2 : Acute toxicity, Category 2 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1
Hazard Statement(s)	H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H330: Fatal if inhaled. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. EUH014: Reacts violently with water. EUH071: Corrosive to the respiratory tract. EUH210: Safety data sheet available on request.
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



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