



# SAFETY DATA SHEET – Gorilla Sealant White (100% Silicone Sealant)

Date Revised: 03/03/2017

Version 1.1

## FOR CHEMICAL EMERGENCY:

During Business Hours: (800) 966-3458 | Outside Business Hours: (800) 420-7186

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Name	Gorilla Sealant White (100% Silicone Sealant)
CAS No.	Mixture.
EC No.	Mixture.
REACH Registration No.	Mixture.

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

Identified Use(s)	Sealant.
Uses Advised Against	None known.

### 1.3 Details of the supplier of the safety data sheet

Company Identification	Gorilla Glue Europe Ltd.
Address of Manufacturer	Chorley Business & Technology Centre East Terrace Euxton Lane Chorley, United Kingdom.
Postal code	PR7 6TE
Telephone:	01257 241319
Fax	01257 273820
E-mail	eusales@gorillaglu.com

### 1.4 Emergency telephone number

Emergency Phone No.	+44 (0) 1257 241319 (During Business Hours) +1 651-603-3429 (Outside Business Hours)
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National response center	
Address	National Poisons Information Service (Birmingham Centre) City Hospital Dudley Road, Birmingham, United Kingdom
Emergency Phone No.	+00 448 706 006 266 NHS Direct - 0845 4647 / 111

## 2. 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.  
Skin Irrit. 2: Causes skin irritation.

### 2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP) Gorilla Sealant White (100% Silicone Sealant)
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Hazard Pictogram(s)



GHS07



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Signal Word(s)

Warning.

Hazard Statement(s)

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statement(s)

P102: Keep out of reach of children.

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.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P31: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

## 2.3 Other hazards

None known.

## 2.4 Additional Information

For full text of H/P Statements see section 16.

## 3. 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)
Silicon dioxide	7631-86-9	231-545-4 / 01-2119379499-16-0000	7-13	Not classified	
Distillates (petroleum), hydrotreated middle Gasoil - unspecified	64742-46-7	265-148-2 / 01-2119489867-12-0000	7-13	Not classified	
Titanium dioxide**	13463-67-7	236-675-5	1-5	Carc. 2 H351	GHS08
Triacetoxymethylsilane	17689-77-9	241-677-4 / 01-2119881778-15-0000	0.1-1	Acute Tox. 4 H302 Skin Corr. 1B H314 Eye Dam. 1 H318	GHS07 GHS05
Methylsilanetriyl triacetate	4253-34-3	224-221-9 / 01-2119962266-32-0000	0.1-1	Acute Tox. 4 H302 Skin Corr. 1C H314	GHS07 GHS05
Acetic acid	64-19-7	200-580-7 / 01-2119475328-30-0000	< 0.1	Flam. Liq. 3 H226 Skin Corr. 1A H314	GHS02 GHS05
Acetic anhydride	108-24-7	203-564-8 / 01-2119486470-36-0000	< 0.1	Flam. Liq. 3 H226 Acute Tox. 4 H302 Skin Corr. 1B H314 Acute Tox. 4 H332	GHS02 GHS07 GHS05



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p- [(diiodomethyl)sulphonyl]toluene	20018-09-1	243-468-3	< 0.1	Eye Dam. 1 H318 Acute Tox. 3 H331 Aquatic Acute 1 H400	GHS05 GHS06 GHS09
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\*\* Titanium dioxide is present in the product. However, the product does not present an inhalation hazard. This is because the TiO<sub>2</sub> is inextricably bound in the polymeric matrix of the sealant and cannot be inhaled.

## 4. 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	IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	IF IN EYES: 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

None anticipated.

### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

## 5. SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

### 5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None known.

### 5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Formaldehyde. Acetic acid is formed upon contact with water or humid air.

### 5.3 Advice for firefighters

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

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash it before reuse.

### 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

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.



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## 7. SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke at the work place.

### 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)

Sealant.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

Substances	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
Silicon dioxide (Inhalable Dust)	7631-86-9	0	6	0	0	
Silicon dioxide (Respirable Dust)	7631-86-9	0	2.4	0	0	
Titanium dioxide total inhalable	13463-67-7	0	10	0	0	
Titanium dioxide respirable	13463-67-7	0	4	0	0	
Acetic anhydride	108-24-7	0.5	2.5	2	10	

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

### 8.2 Exposure controls

#### 8.2.1. Appropriate engineering controls

Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

#### 8.2.2. Personal protection equipment

Wear eye protection with side protection (EN166).



Eye Protection



Skin protection



Respiratory protection

Wear protective clothing and gloves: Impervious gloves (EN 374).

Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

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Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls

Do not release large quantities into the surface water or into drains.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Paste.
Colour	White.
Odour	Smells of acetic acid.
Odour threshold	Not established.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash Point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not available.
Density (g/ml)	Not available.
Relative density	1.007
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature (°C)	Not available.
Viscosity	Not applicable.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

### 9.2 Other information

None.

## 10. 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.

### 10.4 Conditions to avoid

Heat and direct sunlight.

### 10.5 Incompatible materials

Strong oxidising agents.



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#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Causes skin irritation. No data.
Serious eye damage/irritation	Causes serious eye irritation. No data.
Skin sensitisation data	Not classified.
Respiratory sensitisation data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity. Classified based on the conditions cited in Nota N (Regulation (EC) 1272/2008, Annex VI, Part 3, Note N)
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.

#### 11.2 Other information

Not known.

### 12. SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Low toxicity to aquatic organisms.

#### 12.2 Persistence and Degradation

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 Other adverse effects

Not known.

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

#### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

### 14. SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.





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## 15. 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 Not listed.

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed.

subject to authorisation

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

Listed: Distillates (petroleum), hydrotreated middle Gasoil – unspecified (CAS No.: 64742-46-7)

Community Rolling Action Plan (CoRAP)

Listed: Silicon dioxide (CAS No.: 7631-86-9)

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants

Not listed.

Regulation (EC) N° 2037/2000 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

Not listed.

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

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Not listed.

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

Not listed.

### National regulations

Other

Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## 16. SECTION 16: OTHER INFORMATION

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

### LEGEND

Hazard Pictogram(s)



GHS07

GHS05: GHS: corrosive

GHS02: GHS: flame

GHS06: GHS: skull and crossbones

GHS08: GHS: health hazard

GHS09: GHS: fish and tree

Hazard Statement(s)

H226: Flammable liquid and vapour.



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H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H331: Toxic if inhaled.  
H332: Harmful if inhaled.  
H351: Suspected of causing cancer.  
H400: Very toxic to aquatic life.

### Precautionary Statement(s)

P264: Wash hands thoroughly after handling.

### Acronyms

CAS: Chemical Abstracts Service  
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
EC: European Community  
EINECS: European Inventory of Existing Commercial Chemical Substances  
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  
RCRA: Resource Conservation and Recovery Act

### Disclaimers

The information presented in this Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.

### Annex to the extended Safety Data Sheet (eSDS)

Not available.