

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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 Contact Adhesive.
CAS No. Mixture.
EINECS No. Mixture.

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

Identified use(s) Adhesives.
Uses advised against None known.

1.3 Details of the supplier of the Safety Data Sheet

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

1.4 Emergency telephone number

National Poisons Information Service 111
Emergency Phone No. +44 (0) 1257 241319 (During Business Hours)
+1 651-603-3429 (Outside Business Hours)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 2; Highly flammable liquid and vapour.
Skin Irrit. 2; Causes skin irritation.

2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)
Gorilla Contact Adhesive.

Hazard pictogram(s)



GHS02

GHS07

Signal word(s) Danger.
Hazard statement(s) H225: Highly flammable liquid and vapour.
H315: Causes skin irritation.
EUH208: Contains: (2-(2H-benzotriazol-2-yl)-p-cresol). May produce an allergic reaction.

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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



Precautionary statement(s)

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P370+P378: In case of fire: Use water spray, foam, dry powder or CO2 to extinguish.
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.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Classification
Xylene	20-25	1330-20-7	215-535-7	01-2119488216-32-XXXX	Flam. Liq. 3; H226, Acute Tox. 4; H312, H332, Skin Irrit. 2; H315
Naphtha (petroleum), hydrotreated light	20-25	64742-49-0	265-151-9	01-2119484651-34-XXXX	Asp. Tox. 1; H304,
Ethylbenzene	5-10	100-41-4	202-849-4	None assigned	Flam. Liq. 2; H225, Asp. Tox. 1; H304, Acute Tox. 4; H332, STOT RE 2; H373
Trimethoxyvinylsilane	<1	2768-02-7	220-449-8	01-2119513215-52-XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H332
2-(2H-benzotriazol-2-yl)-p-cresol	<1	2440-22-4	219-470-5	01-2119583811-34-XXXX	Skin Sens. 1; H317 Aquatic Chronic 1; H410
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	<1	52829-07-9	258-207-9	01-2119537297-32-XXXX	Eye Irrit. 2; H319 Aquatic Chronic 2; H411

3.3 Additional Information

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

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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



4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Skin Contact

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact

Flush eyes with water for at least 15 minutes.

Ingestion

Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

In case of fire: Use water spray, foam, dry powder or CO2 to extinguish.

Unsuitable Extinguishing Media

None known.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.

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. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Absorb spillage in suitable inert material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section: 8, 13

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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



discharges. Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.

Store in a well-ventilated place. Keep cool.

8. 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
Xylene, o-,m-,p- or mixed isomers	1330-20-7	50	220	100	441	Sk, BMGV
Ethylbenzene	100-41-4	100	441	125	552	Sk

Region

Source

United Kingdom

Workplace Exposure Limit (UK HSE EH40)

Remark

Notes

Sk

Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

BMGV

Biological monitoring guidance values.

8.1.2 Biological limit value

Not established.

Biological Exposure Indices						
SUBSTANCE	CAS No.	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Xylene, o-, m-, p- or mixed isomers	1330-20-7	Post shift	urine	methyl hippuric acid	650 mmol/mol creatinine	

8.1.3 PNECs and DNELs

Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 Personal protection equipment

Eye/face protection

Wear protective eye glasses for protection against liquid splashes.



Skin protection (Hand protection/ Other)

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

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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



Respiratory protection

A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Avoid run off to waterways and sewers.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Clear.
Odour	Characteristic.
Odour Threshold	Not established.
pH	Not available.
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	Not available.
Flash Point	4°C
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.
Relative density	Not available.
Solubility(ies)	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Kinematic Viscosity: 124000-146000 mm ² /s
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	Avoid friction, sparks, or other means of ignition.
10.5 Incompatible materials	None known.
10.6 Hazardous Decomposition Product(s)	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.
Serious eye damage/irritation	Not classified.
Respiratory or skin sensitisation	It is not a skin sensitiser.

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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



Germ cell mutagenicity
Carcinogenicity

There is no evidence of mutagenic potential.
No evidence of carcinogenic effects.
Classified based on the conditions cited in Nota P
(Regulation (EC) 1272/2008, Annex VI, Part 3, Note
P)

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

None anticipated.
Not classified.
Not classified.
Not classified.

11.2 Other information

None.

12. SECTION 12: ECOLOGICAL INFORMATION

- | | |
|--|------------------------------------|
| 12.1 Toxicity | Low toxicity to aquatic organisms. |
| 12.2 Persistence and degradability | 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 | None. |

13. SECTION 13: DISPOSAL CONSIDERATIONS

- | | |
|-------------------------------------|---|
| 13.1 Waste treatment methods | Dispose of this container to hazardous or special waste collection point. |
| 13.2 Additional Information | Disposal should be in accordance with local, state or national legislation. |

14. SECTION 14: TRANSPORT INFORMATION

- | | |
|---|--|
| 14.1 UN number | |
| UN No. | 1133 |
| 14.2 UN proper shipping name | |
| UN proper shipping name | ADHESIVES containing flammable liquid (vapour pressure at 50 °C not more than 110 kPa) |
| 14.3 Transport hazard class(es) | |
| ADR/RID | |
| ADR/RID Class | 3 |
| ADR Classification Code | F1 |
| Special Provisions | 640D |
| Limited Quantities | 5 L |
| Excepted Quantities | E2 |
| Emergency Action Code | •3YE |
| Mixed Packing Instructions for Packages | P001 IBC02 R001 |
| Special Packing Provisions for Packages | PP1 |
| Mixed Packing Instructions for Packages | MP19 |
| Packing Instructions for Portable Tanks | T4 |
| Special Provisions for Portable Tanks | TP1 TP8 |
| Tank Code for Tanks | LGBF |
| Special Provisions for Tanks | Not applicable |
| Vehicle for Tank Carriage | FL |

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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



ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	Not applicable
Special Provisions for Carriage - Bulk	Not applicable
Special Provisions for Carriage - Loading, Unloading and Handling	Not applicable
Special Provisions for Carriage - Operation	S2 S20
ADR HIN	33
IMDG	
IMDG Class	3
Special Provisions	640D
Limited Quantities	5 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	PP1
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1 TP8
IMDG EMS	F-E, S-D
Stowage and Handling	B
Segregation	Not determined
ICAO/IATA	
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y341
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	353
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Max net Qty	60L
Special Provisions	A3
Emergency Response Guidebook (ERG) Code	3L
Labels	
Labels	3



14.4 Packing group

Packing group II

14.5 Environmental hazards

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

Version 1.1

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



Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU regulations

Authorisations and/or restrictions on use

Candidate List of Substances of Very High Concern for Authorisation All chemicals are not listed.

REACH: ANNEX XIV list of substances subject to authorisation All chemicals are not listed.

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Listed: Naphtha (petroleum), hydrotreated light (CAS No.: 2768-02-7)

Community Rolling Action Plan (CoRAP) Listed: Xylene (CAS No.: 1330-20-7), trimethoxyvinylsilane (CAS No.: 2768-02-7), 2-(2H-benzotriazol-2-yl)-p-cresol (CAS No.: 2440-22-4)

15.1.2 National regulations

None known.

15.2 Chemical Safety Assessment

Not applicable.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 14

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment, Chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, Chronic, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
Muta. 1B	Germ cell mutagenicity, Category 1B

SAFETY DATA SHEET –Gorilla Contact Adhesive

Date Revised: 28/02/2018

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



STOT RE 2 Specific target organ toxicity — repeated exposure, Category 2
Skin Irrit. 2 Skin corrosion/irritation, Category 2
Skin Sens. 1 Skin sensitization, Category 1

Hazard statement(s) and Precautionary Statement(s)

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H340 May cause genetic defects.
H350 May cause cancer.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life with long lasting effects.
H410 Toxic to aquatic life with long lasting effects.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P264 Wash hands and exposed skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P321 Specific treatment (see on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
370+P378 In case of fire: Use water spray, foam, dry powder or CO2 to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.

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 applicable.