

**Gorilla Contact Adhesive**

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 Contact Adhesive.
CAS No. Not applicable.
EC No. Not applicable.
REACH Registration No. Not known.
Unique Formula Identifier (UFI) X9U8-Y0YD-500S-U6PE

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

Identified Use(s) Adhesives.
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@gorillaglue.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 eucustomer@gorillaglue.com
Office hours 08:30 - 17:00

1.4 Emergency telephone number

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

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) 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, Trimethoxyvinylsilane) May produce an allergic reaction.

Precautionary Statement(s)

P101: If medical advice is needed, have product container or label at hand.

**Gorilla Contact Adhesive**

P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face 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.

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)
Xylene	1330-20-7	215-535-7 01-2119488216-32-XXXX	20-25	Flam. Liq. 3 H226 Acute Tox. 4 H312 Skin Irrit. 2 H315 Acute Tox. 4 H332	GHS02 GHS07
Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9 01-2119484651-34-XXXX	20-25	Asp. Tox. 1 H304	GHS08
Ethylbenzene	100-41-4	202-849-4 01-2119535785-29-XXXX	5-10	Flam. Liq. 2 H225 Asp. Tox. 1 H304 Acute Tox. 4 H332 STOT RE 2 H373	GHS02 GHS08 GHS07
Trimethoxyvinylsilane	2768-02-7	220-449-8 01-2119513215-52-XXXX	<1	Skin Sens. 1B H317	GHS07
2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5 01-2119583811-34-XXXX	<1	Skin Sens. 1B H317 Aquatic Chronic 1 H410	GHS07 GHS09
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	52829-07-9	258-207-9 01-2119537297-32-XXXX	<1	Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 2 H411	GHS05 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
Xylene	1330-20-7			Acute Tox. 4 (H312) : 1100.000 Acute Tox. 4 (H332) : 11.000
Ethylbenzene	100-41-4			Acute Tox. 4 (H332) : 11.000

Contains no non-classified vPvB substances.
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 Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention.

Eye Contact Flush eyes with water for at least 15 minutes. If symptoms occur obtain medical attention.

Ingestion Wash out mouth with water. If symptoms develop, obtain medical attention.

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

Unlikely to be required but if necessary treat symptomatically.

**Gorilla Contact Adhesive****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 mixtureHighly flammable liquid and vapour. Decomposes in a fire giving off toxic fumes:
Carbon monoxide, Carbon dioxide**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. 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

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.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. 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 discharges.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidising agents.

7.3 Specific end use(s)

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 ³)	STEL (ppm)	STEL (mg/m ³)	Note
Xylene	1330-20-7	50	220	100	441	Sk, BMGV
Ethylbenzene	100-41-4	100	441	125	552	Sk

Source: UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020), United Kingdom

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 are listed in Table 2.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Xylene, o-, m-,	1330-20-7	650 mmol methyl hippuric acid/mol	Post shift			



Gorilla Contact Adhesive

p- or mixed isomers		creatinine in urine				
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8.2 Exposure controls

8.2.1. Appropriate engineering controls Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. 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 (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear.
Odour	Characteristic.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	110°C
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Flash Point	4°C
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
pH	Not known.
Kinematic Viscosity	124000-146000mm²/s
Solubility(ies)	Solubility (Water): Not known. Solubility (Other): Not known.
Partition coefficient: n-octanol/water	Not known.
Vapour pressure	Not known.
Density (g/ml)	Not known.
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

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.

**Gorilla Contact Adhesive****10.4 Conditions to avoid**

Avoid friction, sparks, or other means of ignition.

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 toxicological effects**

Acute toxicity - Ingestion	Low oral toxicity.
Acute toxicity - Skin Contact	Low acute toxicity.
Acute toxicity - Inhalation	Low acute toxicity.
Skin corrosion/irritation	Causes skin irritation. No data.
Serious eye damage/irritation	Not classified.
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 carcinogenic effects.
	Contains: Naphtha (petroleum), hydrotreated light (CAS : 64742-49-0)
	Classified based on the conditions cited in Note P (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)
Reproductive toxicity	No evidence of reproductive effects.
Lactation	None anticipated.
STOT - single exposure	Not classified.
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 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

**Gorilla Contact Adhesive****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.

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	
Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E

Special Provisions for Carriage - Packages

Special Provisions for Carriage - Bulk

Special Provisions for Carriage - Loading, Unloading and Handling

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	Category B

Segregation

Marine Pollutant

ICAO/IATA

IATA Proper Shipping Name ADHESIVES

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

**Gorilla Contact Adhesive**

Labels

3

**14.4 Packing group**

Packing group

II

14.5 Environmental hazards

Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user

Not known.

14.7 Maritime transport in bulk according to IMO instruments

No information available

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
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

Xylene (1330-20-7), ethylbenzene (100-41-4), trimethoxyvinylsilane (2768-02-7), 2-(2H-benzotriazol-2-yl)-p-cresol (2440-22-4), bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Community Rolling Action Plan (CoRAP)

Xylene (1330-20-7), Trimethoxyvinylsilane (2768-02-7), 2-(2H-benzotriazol-2-yl)-p-cresol (2440-22-4)

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

Not listed

National regulations

Other

Not known.

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, 2, 3, 8

LEGEND

Hazard Pictogram(s)



GHS02

GHS05: GHS: Corrosion
GHS08: GHS: Health hazard
GHS09: GHS: Environment

GHS07

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
Flam. Liq. 3 : Flammable liquid, Category 3
Asp. Tox. 1 : Aspiration hazard, Category 1
Acute Tox. 4 : Acute toxicity, Category 4

**Gorilla Contact Adhesive****Hazard Statement(s)**

Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1B : Skin sensitization, Category 1B
Eye Dam. 1 : Serious eye damage/irritation, Category 1
STOT RE 2 : Specific target organ toxicity — repeated 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 2 : Hazardous to the aquatic environment, Chronic, Category 2
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.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic 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.
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.
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.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P370+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.

Acronyms

P501: Dispose of contents in accordance with local, state or national legislation.
ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations
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

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