

**Contact Adhesive Tin**

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	Contact Adhesive Tin
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.
Unique Formula Identifier (UFI)	Q200-U0CW-500H-QVQ3

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	
Telephone:	01257 241 319
E-mail	Eucustomercare@gorillaglue.com
Office hours	08:30 - 17:00
Supplier	
Company Identification	GG Brands Netherlands B.V.
Address	Lichttoren 32 5611 BJ Eindhoven
Telephone:	+31 85 064 4029
E-mail	Eucustomercare@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:	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)	Flam. Liq. 3 :Flammable liquid and vapour. Skin Irrit. 2 :Causes skin irritation. Eye Irrit. 2 :Causes serious eye irritation. STOT SE 3 :May cause respiratory irritation. May cause drowsiness or dizziness. STOT RE 1 :Causes damage to organs through prolonged or repeated exposure. Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects.
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2.2 Label elements

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

Hazard Pictogram(s)



GHS02



GHS08



GHS07



GHS09

Signal Word(s)

Danger

Hazard Statement(s)

H226: Flammable liquid and vapour.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H335: May cause respiratory irritation.
 H336: May cause drowsiness or dizziness.
 H372: Causes damage to organs through prolonged or repeated exposure.
 H411: Toxic to aquatic life with long lasting effects.
 EUH208: Contains: 2-(2H-benzotriazol-2-yl)-p-cresol, N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide), 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.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P260: Do not breathe vapour.
 P273: Avoid release to the environment.
 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)
Reaction mass of ethylbenzene and m-xylene and p-xylene		905-562-9 01-2119555267-33-XXXX	30-40	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Acute Tox. 4 H332 STOT SE 3 H335 STOT RE 2 H373	GHS02 GHS08 GHS07
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		927-344-2 01-2119463586-28-XXXX	20-30	Flam. Liq. 3 H226 Asp. Tox. 1 H304 STOT SE 3 H336 STOT RE 1 H372 Aquatic Chronic 2 H411	GHS02 GHS08 GHS07 GHS09
2-butoxyethyl acetate	112-07-2	203-933-3 01-2119475112-47-XXXX	1-10	Acute Tox. 4 H312 Acute Tox. 4 H332	GHS07
2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5 01-2119583811-34-XXXX	0.1-1	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	0.1-1	Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 2 H411	GHS05 GHS09
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)	123-26-2	204-613-6 01-2119978265-26-XXXX	0.1-1	Skin Sens. 1B H317 Aquatic Chronic 3 H412	GHS07

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Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	238-877-9 01-2120140278-58-XXXX	0.1-1	Not classified	None
Trimethoxyvinylsilane	2768-02-7	220-449-8 01-2119513215-52-XXXX	0.1-1	Skin Sens. 1B H317	GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
Reaction mass of ethylbenzene and m-xylene and p-xylene		STOT RE 2 C _{>=} 10.00 <= 100.00		Acute Tox. 4 (H312) :1100.000
				Acute Tox. 4 (H332) : 11.000
2-butoxyethyl acetate	112-07-2			Acute Tox. 4 (H312) :1100.000 Acute Tox. 4 (H332) : 11.000

Contains no non-classified vPvB substances.

Contains a non-classified substance with a Union workplace exposure limit. Talc (Mg₃H₂(SiO₃)₄) (14807-96-6)

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

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention.
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. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Causes irritation to eyes and skin. May cause respiratory irritation. May cause drowsiness and dizziness. Causes damage to organs through prolonged or repeated exposure.

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	Use water spray, foam, dry powder or CO ₂ to extinguish.
Unsuitable extinguishing media	Water jet spray

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour. 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. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Dike fire control water for later disposal.

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

Provide adequate ventilation. Eliminate sources of ignition. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Do not breathe vapour. Wear appropriate personal protective equipment, avoid direct contact. Wash hands and exposed skin thoroughly after handling.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a container for disposal.



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6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Ambient. Stable under normal conditions. Strong oxidising agents.

Storage temperature

Storage life

Incompatible materials

7.3 Specific end use(s)

Adhesives, Sealants

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

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
2-Butoxyethyl acetate	112-07-2	20	133	50	332	Sk
Talc, respirable dust	14807-96-6		1			

Region Source

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

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.

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. 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

Eye Protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection

Wear protective clothing and gloves: Impervious gloves.



Type : Butyl rubber. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

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Respiratory protection Wear suitable respiratory protection.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state	Pastes
Colour	Colourless.
Odour	Solvent odour.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Flammable liquid and vapour.
Lower and upper explosion limit	Not known.
Flash Point	23°C
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Dynamic viscosity : >50, 000mPa•s @ 20°C
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	Density (g/ml) : 0.9g/cm ³ @ 20°C
Relative vapour density	Not known.
Particle characteristics	Not applicable.

9.2 Other information

Content (Solvent)	60%
Content (Solid)	40%

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

None anticipated.

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

Keep away from heat, sources of ignition and direct sunlight.

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 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.
Skin corrosion/irritation	Causes skin irritation. No data.



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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 carcinogenic effects.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	May cause respiratory irritation. May cause drowsiness or dizziness. No data.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure. No data.
Aspiration hazard	Not classified.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

None known.

11.2.2 Other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Toxic to aquatic life with long lasting effects.
Toxicity - Fish	No data.
Toxicity - Algae	No data.
Toxicity - Sediment Compartment	No data.
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

Do not dispose of with household waste. Dispose of this material and its container as hazardous waste.

13.2 Additional Information

EU Waste Codes:

Disposal should be in accordance with local, state or national legislation.
08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00 wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

UN No. 1133

14.2 UN proper shipping name

UN proper shipping name ADHESIVES

14.3 Transport hazard class(es)

ADR/RID

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ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	640E
Limited Quantities	5 L
Excepted Quantities	E1
Emergency Action Code	•3Y
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	PP1
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T2
Special Provisions for Portable Tanks	TP1
Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	3
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	V12
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	S2
ADR HIN	30
IMDG	
IMDG Class	3
Special Provisions	640E
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	PP1
Packing Instructions for Portable Tanks	T2
Special Provisions for Portable Tanks	TP1
IMDG EMS	F-E, S-D
Stowage and Handling	Category A
Segregation	
Marine Pollutant	
ICAO/IATA	
IATA Proper Shipping Name	ADHESIVES
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y344
Passenger and Cargo Aircraft Limited Quantities Max net Qty	10L
Passenger and Cargo Aircraft Packing Instructions	355
Passenger and Cargo Aircraft Max net Qty	60L
Cargo Aircraft Packing Instructions	366
Cargo Aircraft Max net Qty	220L
Special Provisions	A3
Emergency Response Guidebook (ERG) Code	3L
Labels	
Labels	3

**14.4 Packing group**

Packing group III

14.5 Environmental hazards

Environmental hazards Classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

**Contact Adhesive Tin****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 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 2-(2H-benzotriazol-2-yl)-p-cresol (2440-22-4), 2-butoxyethyl acetate (112-07-2), Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9), Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%), N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide) (123-26-2), Reaction mass of ethylbenzene and m-xylene and p-xylene, Trimethoxyvinylsilane (2768-02-7)

Community Rolling Action Plan (CoRAP) 2-(2H-benzotriazol-2-yl)-p-cresol (2440-22-4), Reaction mass of ethylbenzene and m-xylene and p-xylene (905-562-9), Trimethoxyvinylsilane (2768-02-7)
Not listed

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: 1-16

LEGEND

Hazard Pictogram(s)



GHS02



GHS08



GHS07



GHS09

GHS05: GHS: Corrosion

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3
Asp. Tox. 1 : Aspiration hazard, Category 1
Acute Tox. 4 : Acute toxicity, Category 4
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
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
STOT RE 1 : Specific target organ toxicity — repeated exposure, 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
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

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.



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H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H372: Causes damage to organs through prolonged or repeated exposure.
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.
H412: Harmful 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.
P241: Use explosion-proof electrical/ventilating/lighting/equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe vapour.
P264: Wash hands and exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
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.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTER/doctor if you feel unwell.
P314: Get medical advice/attention if you feel unwell.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: 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.
P391: Collect spillage.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
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
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
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 Regulation (EC) No. 1272/2008 (CLP) data used to compile the SDS



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