



Contact Adhesive Tin

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	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	PR7 7NA
Telephone:	01257 241 319
Fax	Not known.
E-mail	Eucustomercare@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 PR7 7NA
Postal code	PR7 7NA
Telephone:	01257 241 319
Fax	Not known.
E-mail	Eucustomercare@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

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	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 GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567 Contact Adhesive Tin
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Hazard Pictogram(s)





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GHS02 GHS08 GHS07 GHS09

Signal Word(s)	Danger
Hazard Statement(s)	<p>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.</p>
Precautionary Statement(s)	<p>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.</p>

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. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Reaction mass of ethylbenzene and m-xylene and p-xylene		905-562-9	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	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	1-10	Acute Tox. 4 H312 Acute Tox. 4 H332	GHS07
2-(2H-benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5	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	0.1-1	Eye Dam. 1 H318 Aquatic Acute 1 H400	GHS05 GHS09

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				Aquatic Chronic 2 H411	
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)	123-26-2	204-613-6	0.1-1	Skin Sens. 1B H317 Aquatic Chronic 3 H412	GHS07
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	238-877-9	0.1-1	Not classified	None
Trimethoxyvinylsilane	2768-02-7	220-449-8	0.1-1	Skin Sens. 1B H317	GHS07

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 CENTRE/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 CO₂ 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.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

**Contact Adhesive Tin****7.1 Precautions for safe handling**

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. 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. 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

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidising agents.

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

Remark Sk Notes 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.



Respiratory protection

Wear suitable respiratory protection.



Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

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

Appearance	Pastes
	Colour : Colourless.
Odour	Solvent odour.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	23°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	0.9g/cm ³ @ 20°C
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Immiscible. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Dynamic viscosity : >50, 000mPa*s @ 20°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

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 toxicological effects**

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 2500.00000
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 25.00000
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.



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STOT - single exposure

Calculation method : May cause respiratory irritation. May cause drowsiness or dizziness.

STOT - repeated exposure

Calculation method : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

Calculation method : May be fatal if swallowed and enters airways.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates

Not known.

Toxicity - Fish

Not known.

Toxicity - Algae

Not known.

Toxicity - Sediment Compartment

Not classified.

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 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. 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

14.1 UN number

UN No. 1133

14.2 UN proper shipping name

UN proper shipping name ADHESIVES

14.3 Transport hazard class(es)

ADR/RID

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

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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.

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

No information available

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

United Kingdom Regulations Not known.

National regulations

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-

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Community Rolling Action Plan (CoRAP) xylene and p-xylene (), Silica, amorphous, fumed, cryst.-free (112945-52-5), Trimethoxyvinylsilane (2768-02-7)
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

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer

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

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

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
Acute Tox. 4 : Acute toxicity, Category 4
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
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.
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.



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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.
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.
P260: Do not breathe vapour.
P261: Avoid breathing vapours.
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 CENTRE/doctor if you feel unwell.
P314: Get medical advice/attention if you feel unwell.
P321: Specific treatment (see Medical Advice on this label).
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.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

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
ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
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



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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 GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567
data used to compile the SDS
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