



BAL SILICONE

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 BAL SILICONE

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

Identified Use(s) Silicone sealant.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Supplier

Company Identification Building Adhesives Limited

Address Longton Road

Trentham

Stoke on Trent

Postal code ST4 8JB

Telephone: +44 (0)1782 591100

Fax Not known.

E-mail sdsreply@building-adhesives.com

Office hours 8:30am-5pm, Mon-Fri (excluding bank holidays)

1.4 Emergency telephone number

Emergency Phone No. 01865 407 333 (24/7 all year)

Contact No information available.

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 Skin Irrit. 2 :Causes skin irritation.

2019/720 and UK SI 2020/1567 Skin Sens. 1A :May cause an allergic skin reaction.

Eye Irrit. 2 :Causes serious eye irritation.

Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects.

2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567

Product Name BAL SILICONE

Hazard Pictogram(s)



GHS07



GHS09

Signal Word(s)

Warning

Hazard Statement(s)

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.



BAL SILICONE

H319: Causes serious eye irritation.

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 the reach of children.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P391: Collect spillage.

P501: Dispose of contents in accordance with local, state or national regulations.

2.3 Other hazards

No data available.

2.4 Additional Information

Contains 4,5-dichloro-2-octyl- 2H-isothiazol-3-one.

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)
White mineral oil (petroleum)	8042-47-5	232-455-8	5-10	Asp. Tox. 1 H304	GHS08
Amorphous silica	112945-52-5	601-216-3	5-10	Not classified	None
Triacetoxyethylsilane	17689-77-9	241-677-4	<5	Skin Corr. 1B H314	GHS05
Octamethylcyclotetrasiloxane octamethylcyclotetrasiloxane;	556-67-2	209-136-7	<0.1	Repr. 2 H361f Aquatic Chronic 1 H410	GHS08 GHS09
4,5-dichloro-2-octyl- 2H- isothiazol-3-one; [DCOIT]	64359-81-5	264-843-8	<0.1	Acute Tox. 4 H302 Skin Corr. 1 H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09

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



BAL SILICONE

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Treat symptomatically. Remove patient to fresh air.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).
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	Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation. Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

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. Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid breathing vapours/spray. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.



BAL SILICONE

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)

See 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits	No Occupational Exposure Limit assigned.
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8.2 Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
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8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



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



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Paste
	Colour : Various.
Odour	Acetic acid.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.



BAL SILICONE

Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	1.03.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Insoluble. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

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

None anticipated.

10.5 Incompatible materials

Not known.

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. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.



BAL SILICONE

Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Other information

No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

	Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment	Not classified.
Compartment	
Toxicity - Terrestrial	Not classified.
Compartment	

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

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

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable



BAL SILICONE

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

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

Not known

SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of octamethylcyclotetrasiloxane (556-67-2)

Substances of Very High Concern

for Authorisation

UK REACH Authorisation List Not listed

(Annex XIV) list of substances

subject to authorisation

UK REACH Restrictions List octamethylcyclotetrasiloxane (556-67-2), White mineral oil (petroleum) (8042-47-5), Triacetoxymethylsilane (17689-77-9), 4,5-dichloro-2-octyl- 2H-isothiazol-3-one; [DCOIT] (64359-81-5)

manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

UK REACH Rolling Action Plan (RAP) Not listed

The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended Not listed

The Ozone-Depleting Substances and Fluorinated Greenhouse

Gases (Amendment etc.) (EU

Exit) Regulations 2019 (SI

2019/583)

The Prior Informed Consent (PIC) Regulations concerning the

export and import of hazardous

chemicals SI2008/2108 as

amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Not listed

15.2 Chemical Safety Assessment

United Kingdom A REACH chemical safety assessment has not been carried out.



BAL SILICONE

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS07



GHS09

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS08: GHS: Health hazard

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4
 Asp. Tox. 1 : Aspiration hazard, Category 1
 Skin Corr. 1 : Skin corrosion/irritation, Category 1
 Skin Corr. 1B : Skin corrosion/irritation, Category 1B
 Skin Irrit. 2 : Skin corrosion/irritation, Category 2
 Skin Sens. 1A : Skin sensitization, Category 1A
 Eye Dam. 1 : Serious eye damage/irritation, Category 1
 Eye Irrit. 2 : Serious eye damage/irritation, Category 2
 Acute Tox. 2 : Acute toxicity, Category 2
 Repr. 2 : Reproductive toxicity, 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

Hazard Statement(s)

H302: Harmful if swallowed.
 H304: May be fatal if swallowed and enters airways.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.
 H319: Causes serious eye irritation.
 H330: Fatal if inhaled.
 H361f: Suspected of damaging fertility.
 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)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264: Wash hands and exposed skin thoroughly after handling.



BAL SILICONE

P272: Contaminated work clothing should not be allowed out of the workplace.
 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.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321: Specific treatment (see Medical Advice on this label).
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P333+P313: If skin irritation or rash 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.
 P391: Collect spillage.
 P501: Dispose of contents in accordance with local, state or national legislation.

ATE : Acute Toxicity Estimate
 CAS : Chemical Abstracts Service
 DNEL : Derived No Effect Level
 EC : European Community
 EINECS : European Inventory of Existing Commercial Chemical Substances
 LTEL : Long term exposure limit
 PBT : Persistent, Bioaccumulative and Toxic
 PNEC : Predicted No Effect Concentration
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
 STEL : Short term exposure limit
 STOT : Specific Target Organ Toxicity
 vPvB : very Persistent and very Bioaccumulative

Acronyms

Issued by:
 Issue number:
 Key literature references and sources for data used to compile the SDS
 Disclaimers

Head of R+D
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 GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

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