



BAL MICROMAX GROUT-EFFECT SEALANT

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 BAL MICROMAX GROUT-EFFECT SEALANT

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 2019/720 and UK SI 2020/1567 Not classified as dangerous for supply/use.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP).

Product Name BAL MICROMAX GROUT-EFFECT SEALANT

Hazard Pictogram(s) None

Signal Word(s) None

Hazard Statement(s) EUH208: Contains: 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
EUH211 Warning! Hazardous respirable droplets may be formed. Do not breathe spray or mist. (EUH211 applies only to the white version).
Active biocide used to treat the article: 2-octyl-2H-isothiazol-3-one.

2.3 Other hazards

No data available.



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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)
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	556-67-2	209-136-7	<0.1	Repr. 2 H361f Aquatic Chronic 1 H410	GHS08 GHS09
2-Octyl-2H-isothiazol-3-one	26530-20-1	247-761-7	<0.1	Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B 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

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
Triacetoxyethylsilane	17689-77-9			Acute Tox. 4 (H302) : 500
Octamethylcyclotetrasiloxane; [D4]	556-67-2		Aquatic Chronic 1: 10	
octhiline (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]	26530-20-1	Skin Sens. 1A	C>= 0.002 <= 100.00	Aquatic Acute 1: 100 Aquatic Chronic 1: 100 Acute Tox. 3 (H301) : 125 (15th ATP) Acute Tox. 3 (H311) : 311 (15th ATP) Acute Tox. 2 (H330) : 0.27 Dust (15th ATP)



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

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. Remove with a cloth or paper. Wash off immediately with soap and water. 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	Seek medical advice immediately. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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.



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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.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
Storage life Stable under normal conditions.
Incompatible materials Acids; alkalis; Alcohols.

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.

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.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN ISO 16321-1).



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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Liquid. Paste
Colour : Various.



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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.
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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 55190.07
Acute toxicity - Skin Contact	Calculation method : Not classified.



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	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 20872484
Acute toxicity - Inhalation	Calculation method : Not classified.
	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 33557.05
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
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.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

Endocrine disrupting properties: List II: Substances under evaluation for endocrine disruption under an EU legislation 556-67-2 (Human health) ; List III: Substances considered, by the evaluating National Authority, to have endocrine disrupting properties 556-67-2 (Human health).

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	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.



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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

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of octamethylcyclotetrasiloxane (556-67-2)

Very High Concern for

Authorisation

REACH: ANNEX XIV list of Not listed

substances subject to

authorisation

REACH: Annex XVII Restrictions octamethylcyclotetrasiloxane (556-67-2), Triacetoxymethylsilane (17689-77-9), octhiline (ISO)octhiline (ISO); 2-octyl-2H-isothiazol-3-one; [OIT] (26530-20-1)

dangerous substances, mixtures

and articles

Community Rolling Action Plan Not listed

(CoRAP)

Regulation (EU) N° 2019/1021 of Not listed

the European Parliament and of

the Council on persistent organic

pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the

ozone layer



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Regulation (EU) N° 649/2012 of Not listed
the European Parliament and of
the Council concerning the
export and import of hazardous
chemicals

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:

LEGEND

Hazard Pictogram(s) None.

GHS05: GHS: Corrosion
GHS06: GHS: Skull and crossbones
GHS07: GHS: Exclamation mark
GHS08: GHS: Health hazard
GHS09: GHS: Environment

Hazard classification Acute Tox. 3 : Acute toxicity, Category 3
Acute Tox. 4 : Acute toxicity, Category 4
Acute Tox. 3 : Acute toxicity, Category 3
Skin Corr. 1 : Skin corrosion/irritation,
Category 1
Skin Corr. 1B : Skin corrosion/irritation,
Category 1B
Skin Sens. 1A : Skin sensitization, Category
1A
Eye Dam. 1 : Serious eye damage/irritation,
Category 1
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

Hazard Statement(s) H301: Toxic if swallowed.
H302: Harmful if swallowed.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye
damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H330: Fatal if inhaled.



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H361f: Suspected of damaging fertility.
 H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s)	None.
Acronyms	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
Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
Training Advice	Regular safety training as appropriate.
Issued by:	Head of R+D
Issue number:	01

Key literature references and sources for data used to compile the SDS GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

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