



## BAL MICROMAX GROUT-EFFECT SEALANT

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 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. /<br>Registration<br>number(s) | %W/W | Hazard Statement(s)                                                                                                                                                             | Hazard<br>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<br>Aquatic Chronic 1<br>H410                                                                                                                                      | GHS08<br>GHS09                   |
| 2-Octyl-2H-isothiazol-3-one  | 26530-20-1  | 247-761-7                             | <0.1 | Acute Tox. 3 H301<br>Acute Tox. 3 H311<br>Skin Corr. 1B H314<br>Skin Sens. 1A H317<br>Eye Dam. 1 H318<br>Acute Tox. 2 H330<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1<br>H410 | GHS06<br>GHS05<br>GHS07<br>GHS09 |

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

on the manufacture, placing on

the market and use of certain

dangerous substances, mixtures

and articles

Community Rolling Action Plan

Not listed

(CoRAP)

Regulation (EU) N° 2019/1021 of

the European Parliament and of

the Council on persistent organic

pollutants

Regulation (EC) N° 1005/2009 on

substances that deplete the

ozone layer

octamethylcyclotetrasiloxane (556-67-2), Triacetoxymethylsilane (17689-77-9), octhilonone (ISO)octhilonone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT] (26530-20-1)



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