# BAL PROTECTIVE SEALER

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 PROTECTIVE SEALER |

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

| | |
|---|---|
| Identified Use(s) | Temporary sealer for tiles. |
| Uses Advised Against | Not known. |

**1.3 Details of the supplier of the safety data sheet**

| | |
|---|---|
| Manufacturer/Supplier | |
| Company Identification | Building Adhesives Limited |
| Address | Longton Road<br>Trentham<br>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 | Eye Dam. 1 :Causes serious eye damage. |

**2.2 Label elements**

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

| | |
|---|---|
| Product Name | BAL PROTECTIVE SEALER |
| Hazard Pictogram(s) | <br>GHS05 |
| Signal Word(s) | Danger |
| Hazard Statement(s) | H318: Causes serious eye damage.<br>EUH208: Contains: (reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction. |

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| | |
|---|---|
| Precautionary Statement(s) | P102: Keep out of reach of children.<br>P280: Wear protective gloves/protective clothing/eye protection/face protection.<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310: Immediately call a POISON CENTRE/doctor. |

2.3 Other hazards

None known.

2.4 Additional Information

Contains alcohols, C16-C18, ethoxylated. 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: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | 611-341-5 | <1% | Acute Tox. 3 H301<br>Acute Tox. 2 H310<br>Skin Corr. 1C 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 H410 | GHS06<br>GHS05<br>GHS07<br>GHS09 |

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. |
| Skin Contact | Treat symptomatically. |
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor. |
| Ingestion | Treat symptomatically. |

4.2 Most important symptoms and effects, both acute and delayed

Causes burns.

4.3 Indication of any immediate medical attention and special treatment needed

Immediately call a POISON CENTRE/doctor. Treat symptomatically.

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## 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

As appropriate for surrounding fire.

## 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

This material and its container must be disposed of in a safe way.

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

Keep out of reach of children.

| | |
|---|---|
| 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. |

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 (EN166).

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| | |
|---|---|
| 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 | Avoid release to the environment. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Appearance | Liquid.<br>Colour : White. |
| Odour | Not known. |
| 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) | Not known. |
| Relative density | Not known. |
| Solubility(ies) | Solubility (Water) : Partially miscible with water.<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.

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## 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

Fire creates: carbon monoxide and carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|---|---|
| Acute toxicity - Ingestion | Calculation method : Not classified.<br>Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 13487.27 |
| Acute toxicity - Skin Contact | Calculation method : Not classified.<br>Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000 |
| Acute toxicity - Inhalation | Calculation method : Not classified.<br>Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 34722.22 |
| Skin corrosion/irritation | Calculation method : Not classified. |
| Serious eye damage/irritation | Calculation method : Causes serious eye damage. |
| 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 Other information

Not known.

## 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 Compartment | Not classified. |

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Toxicity - Terrestrial Compartment: Not classified.

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
Send to a licensed recycler, reclaimer or incinerator. 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
United Kingdom Regulations - Authorisations and/or Restrictions On Use

| | |
|---|---|
| UK REACH Candidate List of Substances of Very High Concern for Authorisation | Not listed |
| UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation | Not listed |

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| | |
|---|---|
| UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | Alcohols, C16-18, ethoxylated (68439-49-6), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). |
| 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) | Not listed |
| The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended | Not listed |

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. |

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)

GHS05

GHS06: GHS: Skull and crossbones
GHS07: GHS: Exclamation mark
GHS09: GHS: Environment

Hazard classification

Acute Tox. 3 : Acute toxicity, Category 3
Acute Tox. 2 : Acute toxicity, Category 2
Skin Corr. 1C : Skin corrosion/irritation, Category 1C
Skin Sens. 1A : Skin sensitization, Category 1A
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Acute Tox. 2 : Acute toxicity, Category 2

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| | |
|---|---|
| | Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1<br>Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1 |
| Hazard Statement(s) | H301: Toxic if swallowed.<br>H310: Fatal in contact with skin.<br>H314: Causes severe skin burns and eye damage.<br>H317: May cause an allergic skin reaction.<br>H318: Causes serious eye damage.<br>H330: Fatal if inhaled.<br>H400: Very toxic to aquatic life.<br>H410: Very toxic to aquatic life with long lasting effects. |
| Precautionary Statement(s) | P102: Keep out of reach of children.<br>P280: Wear protective gloves/protective clothing/eye protection/face protection.<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310: Immediately call a POISON CENTRE/doctor. |
| Acronyms | 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 |
| 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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