



## BAL UNIVERSAL SEALANT AND ADHESIVE

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 UNIVERSAL SEALANT AND ADHESIVE

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

Identified Use(s) Sealant and adhesive.

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 hazardous for supply.

#### 2.2 Label elements

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

Product Name BAL UNIVERSAL SEALANT AND ADHESIVE

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) EUH210: Safety data sheet available on request.

Precautionary Statement(s) None.

#### 2.3 Other hazards

None known.

#### 2.4 Additional Information

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



## BAL UNIVERSAL SEALANT AND ADHESIVE

### 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)
Octadecanoic acid, 12-hydroxy-, reaction products with decanoic acid and ethylenediamine	198028- 14-7	907-495-0	1-5	Not classified	None
3-(trimethoxysilyl)propylamine	13822- 56-5	237-511-5	0.5-3	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS05 GHS07

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 and keep comfortable for breathing.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. Wash skin thoroughly 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	Call a Poison Centre or doctor if you feel unwell. Do not induce vomiting.

#### 4.2 Most important symptoms and effects, both acute and delayed

May cause irritation.

#### 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	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	Do not use a water jet.

#### 5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off carbon monoxide and carbon dioxide.

#### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.



## BAL UNIVERSAL SEALANT AND ADHESIVE

### 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. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with skin and eyes.

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature

Ambient.

Storage life

Stable under normal conditions. Store in original container. Protect from sunlight.

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.

8.2.2. Personal protection equipment



Eye Protection

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



Skin protection

Wear protective gloves. Nitrile rubber gloves to EN 374 are recommended. Wear protective clothing.



## BAL UNIVERSAL SEALANT AND ADHESIVE



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls

Do not release large quantities into the surface water or into drains.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Appearance	Liquid. Viscous paste. Colour : White
Odour	Odourless.
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)	1.1-1.3g/cm <sup>3</sup>
Relative density	1.4 (ISO 1183 B) (25 <sup>o</sup> C/77F).
Solubility(ies)	Solubility (Water) : practically 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.



## BAL UNIVERSAL SEALANT AND ADHESIVE

### 10.3 Possibility of hazardous reactions

Reacts with oxidants.

### 10.4 Conditions to avoid

None anticipated.

### 10.5 Incompatible materials

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.
Acute toxicity - Inhalation	Calculation method : Not classified.
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 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	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.



## BAL UNIVERSAL SEALANT AND ADHESIVE

### 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

### 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

Not listed

for Authorisation

UK REACH Authorisation List (Annex XIV) list of substances

Not listed

subject to authorisation

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

3-(trimethoxysilyl)propylamine (13822-56-5)



## BAL UNIVERSAL SEALANT AND ADHESIVE

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

Seveso Directive None known.

### 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)	None.  GHS05: GHS: Corrosion GHS07: GHS: Exclamation mark
Hazard classification	Skin Irrit. 2 : Skin corrosion/irritation, category 2 Eye Dam. 1 : Serious eye damage/irritation, Category 1
Hazard Statement(s)	H315: Causes skin irritation. H318: Causes serious eye damage. EUH210: Safety data sheet available on request.
Precautionary Statement(s) Acronyms	None. ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances



## BAL UNIVERSAL SEALANT AND ADHESIVE

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

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

### Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. BUILDING ADHESIVES LTD gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. BUILDING ADHESIVES LTD accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.