



## SAFETY DATA SHEET SETCRETE LATEX

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** SETCRETE LATEX

**Internal identification** SETLATEX/3

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

**Identified uses** Cementitious flooring product.

**Uses advised against** None

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** F.Ball and Co. Ltd.  
Churnetside Business Park,  
Station Road,  
Cheddleton,  
Leek,  
Staffordshire. ST13 7RS  
Tel: 01538 361633 Mon-Fri 8.30am-5.00pm (Exc Bank Holidays)  
Fax: 01538 361622  
E.mail: msds@f-ball.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** 01538 361633 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

**Environmental hazards** Not Classified

**Human health** The product contains less than 2ppm soluble Chromium VI as a percentage of the cement content. Persons with a known sensitivity to Chromium VI would be advised not to use this product. When mixed with water or gauging liquid splashes may cause serious eye damage.

**Environmental** The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

**Physicochemical** When handled correctly, undamaged units represent no danger.

#### 2.2. Label elements

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## Pictogram



## Signal word

Warning

## Hazard statements

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.

## Precautionary statements

P261 Avoid breathing dust.  
 P262 Do not get in eyes, on skin, or on clothing.  
 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.  
 P313 Get medical advice/attention.

## Contains

CEMENT

## Supplementary precautionary statements

P501 Dispose of contents/container in accordance with national regulations.

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|   |  |
|---|--|
| <b>GROUND GRANULATED BLAST FURNACE SLAG</b> | <b>10-30%</b>                                    |
| CAS number: 65996-69-2                      |  |
| <b>Classification</b>                       | <b>Classification (67/548/EEC or 1999/45/EC)</b> |
| Skin Irrit. 2 - H315                        | Xi;R36/38.                                       |
| Eye Irrit. 2 - H319                         |  |
| <b>CEMENT</b>                               | <b>1-5%</b>                                      |
| CAS number: 65997-15-1                      |  |
| <b>Classification</b>                       | <b>Classification (67/548/EEC or 1999/45/EC)</b> |
| Skin Irrit. 2 - H315                        | Xi;R41,R37/38. R43.                              |
| Eye Dam. 1 - H318                           |  |
| Skin Sens. 1 - H317                         |  |
| STOT SE 3 - H335                            |  |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## Composition comments

The product is a blend of cements and inorganic aggregates or fillers and may contain calcium carbonate, pulverised fuel ash, ground granulated blast furnace slag and small percentages of additives. The product may contain a low level of respirable crystalline silica.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove affected person from source of contamination.

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|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Move affected person to fresh air at once. Get medical attention if any discomfort continues.  |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention if any discomfort continues. |
| <b>Skin contact</b> | Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.                     |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.                                 |

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

|                            |   |
|----------------------------|---|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| <b>Inhalation</b>          | Irritation of nose, throat and airway.  |
| <b>Ingestion</b>           | May cause discomfort if swallowed.  |
| <b>Skin contact</b>        | Prolonged skin contact may cause redness and irritation.  |
| <b>Eye contact</b>         | May cause severe eye irritation.  |

### 4.3. Indication of any immediate medical attention and special treatment needed

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                     |                                 |
|-------------------------------------|---------------------------------|
| <b>Suitable extinguishing media</b> | The product is non-combustible. |
|-------------------------------------|---------------------------------|

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

|                                      |   |
|--------------------------------------|---|
| <b>Specific hazards</b>              | Dust may form explosive mixture with air. No unusual fire or explosion hazards noted. |
| <b>Hazardous combustion products</b> | Does not decompose when used and stored as recommended.                               |

### 5.3. Advice for firefighters

|  |   |
|--|---|
| <b>Protective actions during firefighting</b>        | No specific firefighting precautions known. |
| <b>Special protective equipment for firefighters</b> | Wear chemical protective suit.              |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Avoid inhalation of dust. Avoid contact with skin and eyes. |
|-----------------------------|---|

### 6.2. Environmental precautions

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Do not discharge into drains or watercourses or onto the ground. |
|----------------------------------|--|

### 6.3. Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for cleaning up</b> | Avoid generation and spreading of dust. Preferably remove spillage with a vacuum cleaner. Collect spillage in containers, seal securely and dispose of as low hazard waste. |
|--------------------------------|---|

### 6.4. Reference to other sections

|                                    |  |
|------------------------------------|--|
| <b>Reference to other sections</b> | For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13. |
|------------------------------------|--|

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid handling which leads to dust formation. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using the product.

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

**Storage precautions** Store in tightly-closed, original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in a dry place.

**Storage class** Miscellaneous hazardous material storage.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### SILICA SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

##### CALCIUM CARBONATE

Long-term exposure limit (8-hour TWA): WEL 10 total dust; 4 respirable dust mg/m<sup>3</sup>

##### CEMENT

Long-term exposure limit (8-hour TWA): WEL 10 total dust ; 4 respirable dust mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

**Ingredient comments** The product may contain a low level of respirable crystalline silica (WEL 0.1 mg/m<sup>3</sup>; 8 hours TWA).

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

##### Personal protection

Always check applicability with your supplier of protective equipment.

##### Eye/face protection

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Break through times can vary depending on thickness, use and source. Change gloves regularly.

##### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Wear apron or protective clothing in case of contact.

##### Hygiene measures

Provide eyewash station. Promptly remove any clothing that becomes wet or contaminated. Wash promptly if skin becomes contaminated.

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|  |  |
|--|--|
| <b>Respiratory protection</b>          | Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. A half mask dust respirator approved to EN 149 : 2001 FFP2 is recommended. Ensure that the mask fits tightly to ensure an efficient seal. |
| <b>Environmental exposure controls</b> | Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.   |

### SECTION 9: Physical and Chemical Properties

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

|   |  |
|---|--|
| <b>Appearance</b>                                   | Dusty powder.  |
| <b>Colour</b>                                       | Grey.  |
| <b>Odour</b>  | Slight.  |
| <b>Odour threshold</b>                              | Not determined.  |
| <b>pH</b>   | pH (concentrated solution): High alkaline pH when mixed with water.      |
| <b>Melting point</b>                                | Not determined.  |
| <b>Initial boiling point and range</b>              | Not applicable.  |
| <b>Flash point</b>                                  | Not applicable.  |
| <b>Evaporation rate</b>                             | Not applicable.  |
| <b>Evaporation factor</b>                           | Not applicable.  |
| <b>Flammability (solid, gas)</b>                    | Not determined.  |
| <b>Upper/lower flammability or explosive limits</b> | Not determined.  |
| <b>Other flammability</b>                           | Not determined.  |
| <b>Vapour pressure</b>                              | Not applicable.  |
| <b>Vapour density</b>                               | Not applicable.  |
| <b>Relative density</b>                             | Variable, depends on packing effects and temperature                     |
| <b>Bulk density</b>                                 | Not determined.  |
| <b>Solubility(ies)</b>                              | Slightly soluble in water.   |
| <b>Partition coefficient</b>                        | Not applicable.  |
| <b>Auto-ignition temperature</b>                    | Not determined.  |
| <b>Decomposition Temperature</b>                    | Not determined.  |
| <b>Viscosity</b>                                    | Not determined.  |
| <b>Explosive properties</b>                         | Not determined.  |
| <b>Explosive under the influence of a flame</b>     | Not considered to be explosive.  |
| <b>Oxidising properties</b>                         | Not applicable.  |
| <b>Comments</b>                                     | Information given is applicable to the product in its ready-to-use form. |
| <b>9.2. Other information</b>                       |  |
| <b>Other information</b>                            | None.  |

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|                                  |                 |
|----------------------------------|-----------------|
| <b>Refractive index</b>          | Not determined. |
| <b>Particle size</b>             | Not determined. |
| <b>Molecular weight</b>          | Not determined. |
| <b>Volatility</b>                | Not applicable. |
| <b>Saturation concentration</b>  | Not determined. |
| <b>Critical temperature</b>      | Not determined. |
| <b>Volatile organic compound</b> | Not applicable. |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, hazardous reactions will not occur.

#### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

#### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** No specific test data are available.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** No specific test data are available.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No specific test data are available.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

#### Animal data

No specific test data are available.

#### Human skin model test

No specific test data are available.

#### Extreme pH

No specific test data are available.

#### Serious eye damage/irritation

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|  |   |
|--|---|
| <b>Serious eye damage/irritation</b>                             | Irritation of eyes is assumed.  |
| <b><u>Respiratory sensitisation</u></b>                          |   |
| <b>Respiratory sensitisation</b>                                 | No specific test data are available.  |
| <b><u>Skin sensitisation</u></b>                                 |   |
| <b>Skin sensitisation</b>  | No specific test data are available.  |
| <b><u>Germ cell mutagenicity</u></b>                             |   |
| <b>Genotoxicity - in vitro</b>                                   | Does not contain any substances known to be mutagenic.  |
| <b>Genotoxicity - in vivo</b>                                    | Does not contain any substances known to be mutagenic.  |
| <b><u>Carcinogenicity</u></b>                                    |   |
| <b>Carcinogenicity</b>   | Does not contain any substances known to be carcinogenic.   |
| <b>IARC carcinogenicity</b>                                      | Not listed.   |
| <b><u>Reproductive toxicity</u></b>                              |   |
| <b>Reproductive toxicity - fertility</b>                         | Does not contain any substances known to be toxic to reproduction.  |
| <b>Reproductive toxicity - development</b>                       | Does not contain any substances known to be toxic to reproduction.  |
| <b><u>Specific target organ toxicity - single exposure</u></b>   |   |
| <b>STOT - single exposure</b>                                    | Not classified as a specific target organ toxicant after a single exposure.   |
| <b><u>Specific target organ toxicity - repeated exposure</u></b> |   |
| <b>STOT - repeated exposure</b>                                  | Not classified as a specific target organ toxicant after repeated exposure.   |
| <b><u>Aspiration hazard</u></b>                                  |   |
| <b>Aspiration hazard</b>   | Not relevant.   |
| <b><u>General information</u></b>                                |   |
| <b>General information</b>                                       | No specific health hazards known.   |
| <b>Inhalation</b>  | Dust in high concentrations may irritate the respiratory system. The product may contain a small percentage of respirable crystalline silica. Prolonged exposure to dust may result in long term irreversible effects |
| <b>Ingestion</b>   | Ingestion of small amounts is unlikely to cause a significant reaction. Larger doses may result in irritation to the gastro intestinal tract.   |
| <b>Skin contact</b>  | Prolonged or repeated contact with the powder or mixtures with water may cause burns and/or irritant contact dermatitis   |
| <b>Eye contact</b>   | May cause irritation, soreness and reddening of the eyes  |
| <b>Acute and chronic health hazards</b>                          | No specific health hazards known.   |
| <b>Route of entry</b>  | Skin and/or eye contact   |
| <b>Target organs</b>   | Eyes Skin   |
| <b>Medical symptoms</b>  | Irritation of eyes and mucous membranes. Allergic rash.   |
| <b>Medical considerations</b>                                    | Pre-existing eye problems. Skin disorders and allergies.  |

### SECTION 12: Ecological Information

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**Ecotoxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

### 12.1. Toxicity

**Toxicity** Not available

**Acute toxicity - fish** Not determined

**Acute toxicity - aquatic invertebrates** Not determined.

**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**Acute toxicity - terrestrial** Not determined.

**Chronic toxicity - fish early life stage** Not determined.

**Short term toxicity - embryo and sac fry stages** Not determined.

**Chronic toxicity - aquatic invertebrates** Not determined.

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

**Phototransformation** Not determined.

**Stability (hydrolysis)** Not determined.

**Biodegradation** Not determined.

**Biological oxygen demand** No specific test data are available.

**Chemical oxygen demand** No specific test data are available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not applicable.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

**Adsorption/desorption coefficient** Not determined.

**Henry's law constant** Not determined.

**Surface tension** Not determined.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not known.



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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Small quantities may be mixed with water, allowed to cure fully and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

**Transport labels**

#### 14.4. Packing group

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### SECTION 15: Regulatory information

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

**National regulations** Control of Substances Hazardous to Health Regulations 2002 (as amended).

**Guidance** Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.

**Health and environmental listings** None of the ingredients are listed.

**Authorisations (Title VII Regulation 1907/2006)** No specific authorisations are known for this product.

**Restrictions (Title VIII Regulation 1907/2006)** No specific restrictions on use are known for this product.

**Water hazard classification** N/A

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**General information** Technical Data Sheet

**Key literature references and sources for data** Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

**Revision comments** Section 9: update. Section 11 update. Section 12 update.

**Revision date** 01/04/2016

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|                                  |  |
|----------------------------------|--|
| <b>Revision</b>                  | 3  |
| <b>Supersedes date</b>           | 12/09/2014   |
| <b>SDS status</b>                | Approved.  |
| <b>Risk phrases in full</b>      | Not classified.<br>R36/38 Irritating to eyes and skin.<br>R37/38 Irritating to respiratory system and skin.<br>R41 Risk of serious damage to eyes.<br>R43 May cause sensitisation by skin contact.   |
| <b>Hazard statements in full</b> | H315 Causes skin irritation.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation.<br>H335 May cause respiratory irritation. |

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