



**Safety Data Sheet**  
**according to Regulation (EC)**  
**No. 2015/830**

**SECTION 1: Identification of the Substance/Mixture and the Company/Undertaking**

|                               |                    |                         |            |
|-------------------------------|--------------------|-------------------------|------------|
| <b>1.1 Product Identifier</b> | FLOWFAST SL MORTAR | <b>Revision Date:</b>   | 05/09/2019 |
| <b>Product Name:</b>          | Flowfast SL Mortar | <b>Supersedes Date:</b> | New SDS    |

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

Coatings and paints, thinners, paint removers. Hand-mixing with intimate contact and only PPE available. Wide dispersive indoor use resulting in inclusion into or onto a matrix. For use by appropriately trained applicators. Roller application or brushing. Low energy spreading of coatings. Advised against: Home DIY applications, training in the mixing and application required.

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

**Supplier:**

Flowcrete UK Ltd.  
 The Flooring Technology Centre  
 Booth Lane  
 Moston, Sandbach, Cheshire. UK  
 CW11 3QF

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 ehs.uk@flowcrete.com  
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**Datasheet Produced by:** ehs.uk@flowcrete.com

**1.4 Emergency telephone number:** CHEMTREC +001 703 5273887 (Outside US)  
 CHEMTREC 1-800-424-9300 (Inside US)

**SECTION 2: Hazard Identification**

**2.1 Classification of the substance or mixture**

**Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008**

**HAZARD STATEMENTS**

Allergic effects  
 Hazardous to the aquatic environment, Chronic, category 3

EUH208  
 H412

**2.2 Label elements****Symbol(s) of Product**

No Hazard Symbols Exist

**Signal Word**

None

**Named Chemicals on Label**

None

**HAZARD STATEMENTS**

|   |        |  |
|---|--------|--|
| Allergic effects  | EUH208 | Contains Dicyclohexyl phthalate, Dibenzoyl-peroxide. May produce an allergic reaction. |
| Hazardous to the aquatic environment, Chronic, category 3 | H412   | Harmful to aquatic life with long lasting effects.                                     |

**PRECAUTION PHRASES**

|      |                                   |
|------|-----------------------------------|
| P273 | Avoid release to the environment. |
|------|-----------------------------------|

**2.3 Other hazards**

No Information

**Results of PBT and vPvB assessment:**

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

**SECTION 3: Composition/Information On Ingredients****3.2 Mixtures****Hazardous Ingredients**

| <u>CAS-No.</u> | <u>EINEC No.</u> | <u>Name According to EEC</u> | <u>%</u>   |
|----------------|------------------|------------------------------|------------|
| 115-86-6       | 204-112-2        | triphenyl phosphate          | 0.1 - <1.0 |

| <u>CAS-No.</u> | <u>REACH Reg No.</u> | <u>CLP Symbols</u> | <u>CLP Hazard Statements</u> | <u>M-Factors</u> |
|----------------|----------------------|--------------------|------------------------------|------------------|
| 115-86-6       |                      | GHS09              | H400-410                     |                  |

**Additional Information:** The text for CLP Hazard Statements shown above (if any) is given in Section 16.**SECTION 4: First-aid Measures****4.1 Description of First Aid Measures****GENERAL NOTES:** When symptoms persist or in all cases of doubt seek medical advice. Show this safety data sheet to the doctor in attendance.**AFTER INHALATION:** Remove person to fresh air. If signs/symptoms continue, get medical attention.**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off with soap and plenty of water.**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. Remove contact lenses.**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Never give anything by mouth to an unconscious person. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.

**Self protection of the first aider:**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

No Information

**4.3 Indication of any immediate medical attention and special treatment needed**

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

**SECTION 5: Fire-fighting Measures****5.1 Extinguishing Media:**

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

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

No Information

**5.3 Advice for firefighters**

Not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SECTION 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Use personal protective equipment.

**6.2 Environmental precautions**

Do not allow material to contaminate ground water system. Prevent product from entering drains. May cause long-term adverse effects in the aquatic environment.

**6.3 Methods and material for containment and cleaning up**

Pick up and transfer to properly labelled containers. No special environmental precautions required. After cleaning, flush away traces with water. Refer to protective measures listed in sections 7 and 8.

**6.4 Reference to other sections**

**FURTHER INSTRUCTIONS:** Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

**SECTION 7: Handling and Storage****7.1 Precautions for safe handling**

Wear personal protective equipment. Avoid dust formation. Protect from moisture.

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. In the case of sensitisation to any of the ingredients, it is inadvisable to work with the product. Wash hands before breaks and at the end of workday. Do not breathe dust. When using, do not eat, drink or smoke.

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

**CONDITIONS TO AVOID:** Heat, flames and sparks. Avoid moisture.

**STORAGE CONDITIONS:** Keep tightly closed in a dry and cool place.

**7.3 Specific end use(s)**

Component of a resin flooring product. The mixing and application to be in accordance with the technical data sheets.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (UK WELS)

| Name                | CAS-No.  | LTEL ppm | STEL ppm | STEL mg/m3 | LTEL mg/m3 |
|---------------------|----------|----------|----------|------------|------------|
| triphenyl phosphate | 115-86-6 |          |          | 6          | 3          |

| Name                | CAS-No.  | OEL Note |
|---------------------|----------|----------|
| triphenyl phosphate | 115-86-6 |          |

**FURTHER ADVICE:** Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

### 8.2 Exposure controls

#### Personal Protection

**RESPIRATORY PROTECTION:** Effective dust mask.

**EYE PROTECTION:** Eye wash bottle with pure water. Safety glasses with side-shields conforming to EN 166.

**HAND PROTECTION:** Protective gloves. Long sleeved clothing. Remove contaminated clothing and protective equipment before entering eating areas.

**OTHER PROTECTIVE EQUIPMENT:** No Information

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.

**Chemical Name:**

**EC No.:**

**CAS-No.:**

#### DNELs - Derived no effect level

| Route of Exposure | Workers            |                        |                       |                          | Consumers          |                        |                       |                          |
|-------------------|--------------------|------------------------|-----------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
|                   | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral              | Not required       |                        |                       |                          |                    |                        |                       |                          |
| Inhalation        |                    |                        |                       |                          |                    |                        |                       |                          |
| Dermal            |                    |                        |                       |                          |                    |                        |                       |                          |

#### PNEC's - Predicted no effect concentration

| Environmental protection target    | PNEC |
|------------------------------------|------|
| Fresh water                        |      |
| Fresh water sediments              |      |
| Marine water                       |      |
| Marine sediments                   |      |
| Food chain                         |      |
| Microorganisms in sewage treatment |      |
| soil (agricultural)                |      |
| Air                                |      |

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

|  |                 |
|--|-----------------|
| <b>Appearance:</b>                         | Grey powder.    |
| <b>Physical State</b>                      | Solid           |
| <b>Odor</b>                                | Odorless        |
| <b>Odor threshold</b>                      | Not applicable. |
| <b>pH</b>                                  | Not determined  |
| <b>Melting point / freezing point (°C)</b> | Not determined  |
| <b>Boiling point/range (°C)</b>            | N.D. - N.D.     |

|   |                |
|---|----------------|
| <b>Flash Point, (°C)</b>                            | 999            |
| <b>Evaporation rate</b>                             | Not determined |
| <b>Flammability (solid, gas)</b>                    | Not determined |
| <b>Upper/lower flammability or explosive limits</b> | 999 - 0        |
| <b>Vapour Pressure</b>                              | Not determined |
| <b>Vapour density</b>                               | Not determined |
| <b>Relative density</b>                             | 1.3            |
| <b>Solubility in / Miscibility with water</b>       | Insoluble.     |
| <b>Partition coefficient: n-octanol/water</b>       | Not determined |
| <b>Auto-ignition temperature (°C)</b>               | Not determined |
| <b>Decomposition temperature (°C)</b>               | Not determined |
| <b>Viscosity</b>                                    | Not determined |
| <b>Explosive properties</b>                         | Not determined |
| <b>Oxidising properties</b>                         | Not determined |

## 9.2 Other information

VOC Content g/l: <10

This is a calculated maximum VOC content for the mixed ready to use product (to Directive 2004/42/EC).

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### 10.4 Conditions to avoid

Heat, flames and sparks. Avoid moisture.

### 10.5 Incompatible materials

Do not store near acids.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity:

Oral LD50: No Information

Inhalation LC50: No Information

Irritation: No information available.

Corrosivity: No information available.

Sensitization: No information available.

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Repeated dose toxicity:</b>    | No information available. |
| <b>Carcinogenicity:</b>           | No information available. |
| <b>Mutagenicity:</b>              | No information available. |
| <b>Toxicity for reproduction:</b> | No information available. |
| <b>STOT-single exposure:</b>      | No information available. |
| <b>STOT-repeated exposure:</b>    | No information available. |
| <b>Aspiration hazard:</b>         | No information available. |

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>Oral LD50</u> | <u>Dermal LD50</u>  | <u>Vapor LC50</u> | <u>Gas LC50</u> | <u>Dust/Mist LC50</u> |
|----------------|------------------------------|------------------|---------------------|-------------------|-----------------|-----------------------|
| 115-86-6       | triphenyl phosphate          | 3500 mg/kg (rat) | 7900 mg/kg (rabbit) |                   | 0.000           | 0.000                 |

#### Additional Information:

In the case of sensitisation to any of the ingredients, it is inadvisable to work with the product. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. This product may contain Quartz (silicon dioxide), which is listed by IARC as a known carcinogenic to humans (Group 1). This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

## SECTION 12: Ecological Information

### 12.1 Toxicity:

|                             |                |
|-----------------------------|----------------|
| <b>EC50 48hr (Daphnia):</b> | No information |
| <b>IC50 72hr (Algae):</b>   | No information |
| <b>LC50 96hr (fish):</b>    | No information |

**12.2 Persistence and degradability:** No information

**12.3 Bioaccumulative potential:** No information

**12.4 Mobility in soil:** No information

**12.5 Results of PBT and vPvB assessment:** The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

**12.6 Other adverse effects:** No information

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>EC50 48hr</u> | <u>IC50 72hr</u> | <u>LC50 96hr</u> |
|----------------|------------------------------|------------------|------------------|------------------|
| 115-86-6       | triphenyl phosphate          | No information   | No information   |                  |

## SECTION 13: Disposal Considerations

**13.1 WASTE TREATMENT METHODS:** If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

|                              |         |
|------------------------------|---------|
| <b>European Waste Code:</b>  | 080111* |
| <b>Packaging Waste Code:</b> | 150110  |

**SECTION 14: Transport Information**

|      |  |   |
|------|--|---|
| 14.1 | UN number  | Not applicable  |
| 14.2 | UN proper shipping name  | Not regulated for transport according to ADR/RID, IMDG, and IATA regulations. |
|      | Technical name   | Not applicable  |
| 14.3 | Transport hazard class(es)   | Not applicable  |
|      | Subsidiary shipping hazard   | Not applicable  |
| 14.4 | Packing group  | Not applicable  |
| 14.5 | Environmental hazards  | Not applicable  |
| 14.6 | Special precautions for user   | Not applicable  |
|      | EmS-No.:   | Not applicable  |
| 14.7 | Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code | Not applicable  |

**SECTION 15: Regulatory Information****15.1 Safety, health and environmental regulations/legislation for the substance or mixture:****National Regulations:**

|                                      |               |
|--------------------------------------|---------------|
| Denmark Product Registration Number: | Not available |
| Danish MAL Code:                     | Not available |
| Danish MAL Code - Mixture:           | Not available |
| Sweden Product Registration Number:  | Not available |
| Norway Product Registration Number:  | Not available |
| Germany WGK Class:                   | Not available |

Covered by Directive 2012/18/EC (Seveso III): Not applicable

Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006: Not applicable

**Annex XIV - Authorisation List:**

CAS-No.      Name According to EEC

Not Applicable

**SVHC - Substances of very high concern (Candidate List):**

CAS-No.      Name According to EEC

Not Applicable

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**SECTION 16: Other Information**

Text for CLP Hazard Statements shown in Section 3 describing each ingredient:

H400                    Very toxic to aquatic life.  
 H410                    Very toxic to aquatic life with long lasting effects.

### Reasons for revision

This Safety Data Sheet (SDS) has been revised to meet the new EU CLP requirements. There have been both formatting and content changes based on the CLP classification (if applicable), please review each section of the SDS for specific changes.

### List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark;  
 European Union Commission Regulation No. 1907/2006 on REACH as amended within Commission Regulation (EU) 2015/830;  
 European Union (EC) Regulation No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) and subsequent technical progress adaptations (ATP);  
 EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes".

### Acronym & Abbreviation Key:

|        |   |
|--------|---|
| CLP    | Classification, Labeling & Packaging Regulation   |
| EC     | European Commission   |
| EU     | European Union  |
| US     | United States   |
| CAS    | Chemical Abstract Service   |
| EINECS | European Inventory of Existing Chemical Substances  |
| REACH  | Registration, Evaluation, Authorization of Chemicals Regulation   |
| GHS    | Globally Harmonized System of Classification and Labeling of Chemicals  |
| LTEL   | Long term exposure limit  |
| STEL   | Short term exposure limit   |
| OEL    | Occupational exposure limit   |
| ppm    | Parts per million   |
| mg/m3  | Milligrams per cubic meter  |
| TLV    | Threshold Limit Value   |
| ACGIH  | American Conference of Governmental Industrial Hygienists   |
| OSHA   | Occupational Safety & Health Administration   |
| PEL    | Permissible Exposure Limits   |
| VOC    | Volatile organic compounds  |
| g/l    | Grams per liter   |
| mg/kg  | Milligrams per kilogram   |
| N/A    | Not applicable  |
| LD50   | Lethal dose at 50%  |
| LC50   | Lethal concentration at 50%   |
| EC50   | Half maximal effective concentration  |
| IC50   | Half maximal inhibitory concentration   |
| PBT    | Persistent bioaccumulative toxic chemical   |
| vPvB   | Very persistent and very bioaccumulative  |
| EEC    | European Economic Community   |
| ADR    | International Transport of Dangerous Goods by Road  |
| RID    | International Transport of Dangerous Goods by Rail  |
| UN     | United Nations  |
| IMDG   | International Maritime Dangerous Goods Code   |
| IATA   | International Air Transport Association   |
| MARPOL | International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 |
| IBC    | International Bulk Container  |
| RTI    | Respiratory Tract Irritation  |
| NE     | Narcotic Effects  |

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and



it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.