

**BOSTIK FP 370 FIRESEAL MORTAR**  
Supersedes Date: 27-Jun-2019

Revision date 09-Apr-2021  
Revision Number 1.01

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

### **1.1. Product identifier**

**Product Name** BOSTIK FP 370 FIRESEAL MORTAR  
**Pure substance/mixture** Mixture

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

**Recommended use** Hydraulic Cement, Mortar, Grout and Concrete.  
**Uses advised against** None known.

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

#### **Company Name**

Bostik Limited  
Common Rd  
ST16 3EH  
Stafford UK  
Tel: +44 (1785) 27 26 25  
Fax: +44 (1785) 25 72 36

**E-mail address** SDS.box-EU@bostik.com

### **1.4. Emergency telephone number**

**Emergency Telephone** No information available

## **SECTION 2: Hazards identification**

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

Regulation (EC) No 1272/2008

<b>Skin corrosion/irritation</b>	Category 2 - (H315)
<b>Serious eye damage/eye irritation</b>	Category 1 - (H318)
<b>Skin sensitisation</b>	Category 1 - (H317)

### **2.2. Label elements**

Contains Portland Cement



**Signal word**  
Danger

#### **Hazard statements**

H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.

# SAFETY DATA SHEET

**BOSTIK FP 370 FIRESEAL MORTAR**  
**Supersedes Date:** 27-Jun-2019

**Revision date** 09-Apr-2021  
**Revision Number** 1.01

H318 - Causes serious eye damage.

## **Precautionary Statements - EU (§28, 1272/2008)**

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P264 - Wash hands thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor

## **2.3. Other hazards**

When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease.

## **PBT & vPvB**

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## **SECTION 3: Composition/information on ingredients**

### **3.1 Substances**

Not applicable

### **3.2 Mixtures**

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Portland Cement	266-043-4	65997-15-1	10 - <20	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317)		[5]

## **Full text of H- and EUH-phrases: see section 16**

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

# SAFETY DATA SHEET

BOSTIK FP 370 FIRESEAL MORTAR  
Supercedes Date: 27-Jun-2019

Revision date 09-Apr-2021  
Revision Number 1.01

Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms	Burning sensation. Itching. Rashes. Hives.
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## **4.3. Indication of any immediate medical attention and special treatment needed**

Note to doctors	May cause sensitisation in susceptible persons. Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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Unsuitable extinguishing media	No information available.
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### **5.2. Special hazards arising from the substance or mixture**

Specific hazards arising from the chemical	Product is or contains a sensitiser. May cause sensitisation by skin contact.
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### **5.3. Advice for firefighters**

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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## **SECTION 6: Accidental release measures**

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

Personal precautions	Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
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Other information	Refer to protective measures listed in Sections 7 and 8.
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For emergency responders	Use personal protection recommended in Section 8.
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### **6.2. Environmental precautions**

Environmental precautions	Prevent further leakage or spillage if safe to do so.
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### **6.3. Methods and material for containment and cleaning up**

Methods for containment	Prevent further leakage or spillage if safe to do so.
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# SAFETY DATA SHEET

BOSTIK FP 370 FIRESEAL MORTAR  
Supersedes Date: 27-Jun-2019

Revision date 09-Apr-2021  
Revision Number 1.01

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

### 7.3. Specific end use(s)

**Specific use(s)**  
Hydraulic Cement, Mortar, Grout and Concrete.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### **Exposure Limits**

**Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.**

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

#### **Personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Suitable protective clothing.

**Environmental exposure controls** No information available.

## **SECTION 9: Physical and chemical properties**

# SAFETY DATA SHEET

BOSTIK FP 370 FIRESEAL MORTAR  
Supersedes Date: 27-Jun-2019

Revision date 09-Apr-2021  
Revision Number 1.01

## 9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Colour	Off-white
Odour	Odourless
Odour threshold	No information available

Property	Values	Remarks • Method
pH	-	
pH (as aqueous solution)	> 11.5	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapour pressure	No data available	
Relative vapour density	No data available	
Relative density	No data available	
Water solubility	Cement based products react and solidify in contact with water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No data available	
Oxidising properties	No data available	

## 9.2. Other information

Solid content (%)	No information available
VOC Content (%)	
Density	No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	No information available.
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### 10.2. Chemical stability

Stability	Stable under normal conditions.
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#### Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal processing.
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# SAFETY DATA SHEET

BOSTIK FP 370 FIRESEAL MORTAR  
Supersedes Date: 27-Jun-2019

Revision date 09-Apr-2021  
Revision Number 1.01

## 10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

## 10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

## 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

##### Product Information

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**Inhalation** May cause irritation of respiratory tract.

**Eye contact** Causes serious eye damage.

**Skin contact** May cause sensitisation by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes.

#### Numerical measures of toxicity

##### Acute toxicity

##### Component Information

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Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Portland Cement 65997-15-1	LD50 >2000 mg/Kg (Rattus)	LD50 >2000 mg/Kg	

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Irritating to skin.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.

**Respiratory or skin sensitisation** May cause sensitisation by skin contact.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

# SAFETY DATA SHEET

**BOSTIK FP 370 FIRESEAL MORTAR**  
**Supersedes Date:** 27-Jun-2019

**Revision date** 09-Apr-2021  
**Revision Number** 1.01

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## **11.2. Information on other hazards**

### **11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

### **11.2.2. Other information**

**Other adverse effects** No information available.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

**Ecotoxicity** .

### **12.2. Persistence and degradability**

**Persistence and degradability** No information available.

### **12.3. Bioaccumulative potential**

**Bioaccumulation** No information available.

### **12.4. Mobility in soil**

**Mobility in soil** No information available.

### **12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** No information available.

### **12.6. Other adverse effects**

**Other adverse effects** No information available.

# SAFETY DATA SHEET

BOSTIK FP 370 FIRESEAL MORTAR  
Supersedes Date: 27-Jun-2019

Revision date 09-Apr-2021  
Revision Number 1.01

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

### Land transport (ADR/RID)

14.1 UN number or ID number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

### IMDG

14.1 UN number or ID number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	NP
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

### Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

## Section 15: REGULATORY INFORMATION

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

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)



# SAFETY DATA SHEET

**BOSTIK FP 370 FIRESEAL MORTAR**  
**Supersedes Date:** 27-Jun-2019

**Revision date** 09-Apr-2021  
**Revision Number** 1.01

## EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	CAS No	Restricted substance per REACH Annex XVII
Portland Cement	65997-15-1	47

## Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

## Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

## Persistent Organic Pollutants

Not applicable

## National regulations

### France

#### Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
Portland Cement 65997-15-1	RG 8, RG 10 RG 8

### Germany

#### Ordinance on Industrial Safety and Health - Germany - BetrSichV

No flammable liquids in accordance with BetrSichV

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

### Netherlands

#### List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)

Not Listed

### Denmark

**Registration number(s) (P-no.)** No information available

### Norway

**Registration number(s) (PRN-no.)** No information available

## 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture.

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

### Full text of H-Statements referred to under section 3

# SAFETY DATA SHEET

**BOSTIK FP 370 FIRESEAL MORTAR**  
**Supersedes Date:** 27-Jun-2019

**Revision date** 09-Apr-2021  
**Revision Number** 1.01

H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation

## Legend

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue

## Key literature references and sources for data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 09-Apr-2021

## Indication of changes

**Revision note** SDS sections updated: 9.

**Training Advice** No information available

**Further information** No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**