

**CEMENTONE RAPID SETTING CEMENT**  
 Supersedes Date: 14-Jun-2018

Revision Date 14-Jun-2018  
 Revision Number 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** CEMENTONE RAPID SETTING CEMENT  
**Pure substance/mixture** Mixture

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

**Recommended use** Building and construction work.  
**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

<b>United Kingdom</b>	+44 (1785) 272650
<b>Ireland</b>	+353 (1) 8624900 (Monday- Friday 9am-5pm)

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

<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)
<b>Specific target organ toxicity (single exposure)</b>	Category 3 - (H335)

### 2.2. Label Elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Contains Cement, portland, chemicals



**Signal Word**  
 DANGER

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## Hazard statements

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

## 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  
P260 - Do not breathe dust  
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  
P362 + P364 - Take off contaminated clothing and wash it before reuse  
P402 + P404 - Store in a dry place. Store in a closed container  
P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other Hazards

### General Hazards

Product dust may be irritating to eyes, skin and respiratory system. 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 and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 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
Cement, portland, chemicals	266-043-4	65997-15-1	40 - <80	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317)		No data available

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

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<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a doctor.
<b>Skin Contact</b>	Brush off loose particles from skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a doctor. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Call a doctor immediately. In case of eye contact, remove contact lens and 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.
<b>Ingestion</b>	Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label. Rinse mouth. Never give anything by mouth to an unconscious person.
<b>Self-Protection of the First Aider</b>	Use personal protective equipment as required.

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

**Symptoms** Corrosive to the eyes and may cause severe damage including blindness. May cause allergic skin reaction. Product dust may be irritating to eyes, skin and respiratory system.

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

**Note to doctors** Treat symptomatically.

## **Section 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

#### **Suitable Extinguishing Media**

Use extinguishing agent suitable for type of surrounding fire.

#### **Unsuitable Extinguishing Media**

None known

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

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

**Hazardous Combustion Products** Carbon oxides.

### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

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

#### **Personal Precautions**

Avoid creating dust. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing and eye/face protection.

#### **For emergency responders**

Sweep up to prevent slipping hazard.

### **6.2. Environmental precautions**

Collect spillage.

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

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**Methods for Containment** Prevent dust cloud. Take up mechanically, placing in appropriate containers for disposal.

**Methods for cleaning up** Avoid creating dust. Sweep up and shovel into suitable containers for disposal.

## **6.4. Reference to other sections**

**Reference to other sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## **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 generation of dust. Avoid contact with skin and eyes. Wash contaminated clothing before reuse.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

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

#### **Storage Conditions**

Keep out of the reach of children. Protect from direct contact with water or excessive moisture. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

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

#### **Other Information**

Recommendation(s). Observe technical data sheet.

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Chemical Name	European Union	Ireland	United Kingdom
Cement, portland, chemicals 65997-15-1	-	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	STEL: 30 mg/m <sup>3</sup> inhalable dust STEL: 12 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> inhalable dust TWA: 4 mg/m <sup>3</sup> respirable dust
Quartz 14808-60-7	-	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> respirable

**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**

Wear safety glasses with side shields (or goggles).

##### **Hand Protection**

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Gloves made of plastic or rubber. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

##### **Skin and Body Protection**

Avoid contact with skin, eyes or clothing. Wear appropriate personal protective clothing to prevent skin contact.

##### **Respiratory Protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Avoid generation of dust.

##### **Recommended filter type:**

Particle filter device (DIN EN 143).

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Environmental Exposure Controls No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical State	Solid
Appearance	Powder
Colour	Grey
Odour	No information available
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11 - 13	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit	No information available	
Vapour Pressure	No information available	
Vapour Density	No information available	
Relative Density	1.5	
Water Solubility	No information available	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Explosive Properties	No information available	
Explosive Limits	No information available	
Upper	No information available	
Lower	No information available	
Oxidising Properties	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	

### 9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	100
Density	No data available
Bulk Density	No data available
VOC content (%)	

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

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## **10.3. Possibility of hazardous reactions**

### **Possibility of Hazardous Reactions**

None under normal processing.

## **10.4. Conditions to avoid**

Heat, flames and sparks.

## **10.5. Incompatible materials**

No information available.

## **10.6. Hazardous decomposition products**

None under normal use conditions.

## **Section 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Information on likely routes of exposure**

##### **Product Information**

No information or data specific to the product on this toxicological (health) effect is available.

<b>Inhalation</b>	No data available.
<b>Eye contact</b>	Corrosive to the eyes and may cause severe damage including blindness.
<b>Skin Contact</b>	Irritating to skin.
<b>Ingestion</b>	No data available.
<b>Sensitisation</b>	May cause sensitisation by skin contact.

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

<b>Skin Corrosion/Irritation</b>	Not applicable.
<b>Serious eye damage/eye irritation</b>	Not applicable.
<b>Sensitisation</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</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.

#### **Numerical measures of toxicity**

##### **Acute Toxicity**

#### **Component Information**

**Toxicity Data** Data obtained on the component(s) include

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Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Cement, portland, chemicals 65997-15-1	LD50 >2000 mg/Kg (Rat)	LD50 >2000 mg/Kg	-

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecotoxicity** No information available

### Component Information

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

**Partition coefficient** No information available

### 12.4. Mobility in soil

**Mobility in soil** No information available.

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other adverse effects

No information available

### **Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste from Residues/Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Improper disposal or reuse of this container may be dangerous and illegal.

**European Waste Catalogue** 17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

## Section 14: TRANSPORT INFORMATION

### ADR

**14.1 UN/ID no** 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 Hazard** Not applicable

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**14.6 Special Provisions** None

## **IMDG**

**14.1 UN 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 73/78 and the IBC Code** No information available

## **RID**

**14.1 UN 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 Hazard** Not applicable  
**14.6 Special Provisions** None

## **ICAO (air)**

**14.1 UN/ID no** Not regulated  
**14.2 Proper Shipping Name** Not regulated  
**14.3 Hazard Class** Not regulated  
**14.4 Packing Group** Not regulated  
**14.5 Environmental Hazard** Not applicable  
**14.6 Special Provisions** None

## **IATA**

**14.1 UN/ID no** 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 Hazard** 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)**

##### **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

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)

##### **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	Restrictions on use
Cement, portland, chemicals	65997-15-1	47.



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## **EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization**

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

## **15.2. Chemical safety assessment**

None

## **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**

H335 - May cause respiratory irritation

H315 - Causes skin irritation

H318 - Causes serious eye damage

H317 - May cause an allergic skin reaction

#### **Legend**

SVHC: Substances of Very High Concern for Authorisation:

#### **Legend** Section 8: Exposure controls and personal protection

TWA TWA (time-weighted average)

Ceiling Maximum limit value

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

STOT (RE): Specific target organ toxicity - Repeated exposure

STOT (SE): Specific target organ toxicity - Single exposure

EWG: European Waste Catalogue

STEL

\*

STEL (Short Term Exposure Limit)

Skin designation

### **Key literature references and sources for data**

Classification and labeling data calculated from data received from raw material suppliers

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 14-Jun-2018

### **Indication of changes**

**Revision Note** Not applicable.

**Training Advice** No information available

**Further information** No information available

**This 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

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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**