

This safety data sheet was created pursuant to the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

BOSTIK SCREEDMASTER SL C530 FLEX Supercedes date 25-Jan-2024 Revision date 30-Sep-2024 Revision Number 3.02

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

1	.1	. F	ro	duc	t ide	ntifie	r

Product Name BOSTIK SCREEDMASTER SL C530 FLEX

Pure substance/mixture Mixture

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

Recommended use	Cement

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

United Kingdom

Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri) NHS: 111

#### **SECTION 2: Hazards identification**

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

GB CLP (SI 2020/1567 as amended)

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Skin sensitisation	Category 1 - (H317)
Specific target organ toxicity (single exposure)	Category 3 - (H335)
Category 3 Respiratory irritation	· · · · · · · · · · · · · · · · · · ·

#### 2.2. Label elements

**Contains Portland Cement** 



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#### Signal word

Danger

#### Hazard statements

H315 - Causes skin irritation.

- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.

H335 - May cause respiratory irritation.

#### 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

P261 - Avoid breathing dust

P280 - Wear protective gloves and eye/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

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

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. Product dust may be irritating to eyes, skin and respiratory system. Repeated exposure may cause skin dryness or cracking.

#### 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 (EU Index No).	CAS No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-ter m)	REACH registration number
Quartz 40 - <80 %	238-878-4	14808-60-7	[B]	-	-	-	[5]
Portland Cement 20 - <25 %	266-043-4	65997-15-1	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 [5] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex V of REACH

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

[B] - Substance with a Community workplace exposure limit

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Acute Toxicity Estimate No information available

Cł	nemical name	EC No (EU Index No)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	LC50 - 4 hour -	Inhalation LC50 - 4 hour - vapour - mg/L	
	Quartz	238-878-4	14808-60-7	-	-	-	-	-
Po	ortland Cement	266-043-4	65997-15-1	-	-	-	-	-

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General advice	If medical advice is needed, have product container or label at hand. Take a copy of the Safety Data Sheet when going for medical treatment.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention.
Eye contact	Do not rub affected area. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.
Skin contact	Brush off loose particles from skin. Remove material from skin immediately. Take off contaminated clothing and wash it before reuse.
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	d effects, both acute and delayed
Symptoms	Burning sensation. Itching. Rashes. Hives. Dust irritates eyes and air passages. Causes serious eye damage. Irritating to skin. Inhalation of dust in high concentration may cause irritation of respiratory system. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease. 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.
Effects of Exposure	No information available.
4.3. Indication of any immediate m	nedical attention and special treatment needed
Note to doctors	May cause sensitisation in susceptible persons. Treat symptomatically.

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Unsuitable extinguishing media	No information available.		
5.2. Special hazards arising from the	ne substance or mixture		
Specific hazards arising from the chemical	Product is or contains a sensitiser. May cause sensitisation by skin contact.		
Hazardous combustion products	Carbon oxides. Sulphur oxides.		
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.		
SECTION 6: Accidental relea	ase measures		
6.1. Personal precautions, protecti	ve equipment and emergency procedures		
Personal precautions	Avoid generation of dust. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required.		
Other information	Refer to protective measures listed in Sections 7 and 8.		
For emergency responders	Use personal protection recommended in Section 8.		
6.2. Environmental precautions			
Environmental precautions	Prevent product from entering drains. Do not allow to enter into soil/subsoil.		
6.3. Methods and material for conta	ainment and cleaning up		
Methods for containment	Cover powder spill with plastic sheet or tarp to minimise spreading and keep powder dry. Prevent dust cloud.		
Methods for cleaning up	Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust.		
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 st	orage		
7.1. Precautions for safe handling	_		
Advice on safe handling	Ensure adequate ventilation. Avoid generation of dust. Use personal protection 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, in	cluding any incompatibilities		
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep the packing dry and well sealed to prevent		

contamination and absorption of humidity.

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

Specific use(s) Cement.

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**

Chemical name	European Union	United Kingdom
Quartz	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
14808-60-7		STEL: 0.3 mg/m <sup>3</sup>
Limestone	-	TWA: 10 mg/m <sup>3</sup>
1317-65-3		TWA: 4 mg/m <sup>3</sup>
		STEL: 30 mg/m <sup>3</sup>
		STEL: 12 mg/m <sup>3</sup>
Portland Cement	-	TWA: 10 mg/m <sup>3</sup>
65997-15-1		TWA: 4 mg/m <sup>3</sup>
		STEL: 30 mg/m <sup>3</sup>
		STEL: 12 mg/m <sup>3</sup>
Dust	-	TWA: 10 mg/m <sup>3</sup>
RR-12364-8		TWA: 4 mg/m <sup>3</sup>
		STEL: 30 mg/m <sup>3</sup>
		STEL: 12 mg/m <sup>3</sup>
Kaolin	-	TWA: 2 mg/m <sup>3</sup>
1332-58-7		STEL: 6 mg/m <sup>3</sup>

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC)	
8.2. Exposure controls	
Engineering controls	Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.
Personal protective equipment	
Eye/face protection	Tight sealing safety goggles. Face protection shield. Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.
Hand protection	Wear protective gloves. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Gloves made of plastic or rubber.
Skin and body protection	Suitable protective clothing. 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. Possible nuisance dust.

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**Recommended filter type:** Wear a respirator conforming to EN 140 with Type P2/P3 filter or better.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

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

9.1. Information on basic physical and chemical properties					
9.1. Information on basic physical Physical state	Solid				
Appearance	Powder				
Colour	Grev				
Odour	Characteristic.				
Ododi	Characteristic.				
Property_	Values	Remarks • Method			
Melting point / freezing point	Not applicable .	<u>Remarke</u> method			
Initial boiling point and boiling	Not applicable .				
range					
Flammability	No data available	None known			
Flammability Limit in Air		None known			
Upper flammability or explosive	No data available				
limits					
Lower flammability or explosive	No data available				
limits					
Flash point	Not applicable .				
Autoignition temperature	No data available	None known			
Decomposition temperature		None known			
рН	No data available	Reacts with water.			
pH (as aqueous solution)	No data available	None known			
Kinematic viscosity	Not applicable . mm <sup>2</sup> /s				
Dynamic viscosity	Not applicable .				
Water solubility	No data available. Cement based				
,	products react and solidify in contact				
	with water				
Solubility(ies)	No data available	None known			
Partition coefficient	No data available	None known			
Vapour pressure	No data available	None known			
Relative density	No data available	None known			
Bulk density	No data available				
Liquid Density	No data available				
Relative vapour density	No data available	None known			
Particle characteristics					
Particle Size	No information available				
Particle Size Distribution	No information available				
0.2 Other information					
9.2. Other information Solid content (%)	100				
Solid content (%) Softening point	Not relevant				
VOC content	Not relevant No data ava	alahla			
	NO UALA AVA				
9.2.1. Information with regards to physical hazard classes					

Not applicable

9.2.2. Other safety characteristics No information available Not applicable .

#### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### Reactivity

Product cures with moisture.

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10.2. Chemical stability	
Stability	Keep away from Incompatible materials. Stable under recommended storage conditions.
Explosion data	
Sensitivity to mechanical	None.
impact Sensitivity to static discharge	None.
10.3. Possibility of hazardous react	tions_
Possibility of hazardous reactions	None under normal processing.
10.4. Conditions to avoid	
Conditions to avoid	Product cures with moisture.
10.5. Incompatible materials	
Incompatible materials	Strong acids. Strong bases. Strong oxidising agents. Acids. Aluminium.
10.6. Hazardous decomposition pro	oducts
Hazardous decomposition products	None under normal use conditions. Stable under recommended storage conditions.
SECTION 11: Toxicological i	nformation
11.1. Information on hazard class	es as defined in Regulation (EC) No 1272/2008
Information on likely routes of expe	osure
Product Information	
Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. 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.
Acute toxicity	
Numerical measures of toxicity	
The following values are calculated ATEmix (oral) ATEmix (dermal) ATEmix (inhalation-gas)	a based on chapter 3.1 of the GHS document >2000 mg/kg >2000 mg/kg >20000 ppm

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ATEmix (inhalation-dust/mist)	>5 mg/l
ATEmix (inhalation-vapour)	>20 mg/l

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	>2000 mg/kg (Rattus)	-	-
Portland Cement	LD50 >2000 mg/Kg (Rattus)	LD50 >2000 mg/Kg	-
Delayed and immediate effects	Delayed and immediate effects as well as chronic effects from short and long-term exposure		
Skin corrosion/irritation		ata available for ingredients. Ca	
Serious eye damage/eye irritat	ion Classification based on da damage.	ata available for ingredients. Ca	uses burns. Causes serious eye
Respiratory or skin sensitisati	on May cause an allergic ski	n reaction.	
Germ cell mutagenicity	Based on available data,	the classification criteria are no	t met.
Carcinogenicity	Based on available data,	the classification criteria are no	t met.
Reproductive toxicity	Based on available data,	the classification criteria are no	t met.
STOT - single exposure	May cause respiratory irri	tation.	
STOT - repeated exposure	Based on available data,	the classification criteria are no	t met.
Aspiration hazard	Based on available data,	the classification criteria are no	t met.
11.2. Information on other hazards			
11.2.1. Endocrine disrupting properties			
Endocrine disrupting propertie	es No information available.		
11.2.2. Other information			
Other adverse effects	No information available.		
SECTION 12: Ecological information			
12.1. Toxicity			

12.1. Toxicity

Ecotoxicity

### 12.2. Persistence and degradability

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Persistence and degradability	No information available.	
12.3. Bioaccumulative potential		
Bioaccumulation	There is no data for this product.	
12.4. Mobility in soil		
Mobility in soil <u>12.5. Results of PBT and vPvB ass</u>	No information available. essment	
PBT and vPvB assessment	The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.	
12.6. Endocrine disrupting properties		
Endocrine disrupting properties	No information available.	

#### 12.7. Other adverse effects

No information available.

### 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.
European Waste Catalogue	<ul> <li>17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03</li> <li>10 13 06 particulates and dust (except 10 13 12 and 10 13 13)</li> <li>Cured product can be treated as construction waste. In the management of larger quantities consult with local authorities and local waste disposal company</li> <li>10 13 14 waste concrete and concrete sludge</li> </ul>
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 UN proper shipping name	-
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
IMDG	
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated

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14.4 Packing group	Not regulated	
14.5 Marine pollutant	NP	
14.6 Special precautions for user		
Special Provisions	None	
14.7 Maritime transport in bulk		
according to IMO instruments		
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 UN proper shipping name	Not regulated	
	i tot i ogulatou	
14.3 Transport hazard class(es)	Not regulated	
14.3 Transport hazard class(es) 14.4 Packing group	5	

None

### Section 15: REGULATORY INFORMATION

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

#### European Union

14.5 Environmental hazards14.6 Special precautions for user

**Special Provisions** 

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, Authorisation, 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 >=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.	Restricted substance per REACH Annex XVII
Portland Cement	65997-15-1	Use restricted. See entry 47.

**47** where product supplied with reducing agent the packaging must be marked with the storage conditions and storage period appropriate to maintaining the activity of the reducing agent to keep the content of soluble chromium VI below 2mg/Kg.

#### 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)

#### **Export Notification requirements**

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

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

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Not applicable

#### **Persistent Organic Pollutants**

Not applicable

### REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

Not applicable

#### National regulations

#### 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

H315 - Causes skin irritation		
H317 - May cause an allergic skin reaction		
H318 - Causes serious eye damage		
H335 - May cause respiratory irritation	n	
Legend		
TWA	TWA (time-weighted average)	
STEL	STEL (Short Term Exposure Limit)	
Ceiling	Ceiling Limit Value	
Sk*	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	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by	
	Road	
IMDG	International Maritime Dangerous Goods (IMDG)	
ΙΑΤΑ	International Air Transport Association (IATA)	
RID	Regulations concerning the International Transport of Dangerous Goods by Rail	

Key literature references and source No information available Prepared By Revision date Indication of changes	ces for data Product Safety & Regulatory Affairs 30-Sep-2024
Revision Note	Not applicable.
Training Advice	No information available
Further information	No information available

#### This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)

#### 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,

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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