

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 J115 FLEXIBLE SMOOTH FINISH GROUT WHITE Supercedes Date: 28-Feb-2022

Revision date 03-Nov-2023 Revision Number 4.02

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

1.1. Product identifier	
Product Name	BOSTIK J115 FLEXIBLE SMOOTH FINISH GROUT WHITE
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 sa <u>Company Name</u> Bostik Limited Common Rd ST16 3EH Stafford UK Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36	afety data sheet
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, 2-octyl-2H-isothiazol-3-one [OIT]



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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
- P260 Do not breathe dust

P271 - Use only outdoors or in a well-ventilated area

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

P310 - Immediately call a POISON CENTER or doctor

- P362 + P364 Take off contaminated clothing and wash it before reuse
- P403 + P233 Store in a well-ventilated place. Keep container tightly closed
- P405 Store locked up
- P501 Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other hazards

Harmful to aquatic life. 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.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Quartz	238-878-4	14808-60-7	40 - <80	[B]	-	[5]
Portland Cement	266-043-4	65997-15-1	40 - <80	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317)	_	[5]
2-octyl-2H-isothiazol-3-o	(613-112-00-	26530-20-1	0.01 - <0.1	Acute Tox. 3	۸	-

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ne [OIT]	5)	(H301)
	247-761-7	Acute Tox. 3
		(H311)
		Acute Tox. 3
		(H331)
		Skin Corr. 1B
		(H314)
		Eye Dam 1
		(H318)
		Skin Sens. 1A
		(H317)
		Aquatic Acute 1
		(H400)
		Aquatic Chronic 1
		(H410)

NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex V of REACH

<u>Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes</u> [B] - Substance with a Community workplace exposure limit

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

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.
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. Causes serious eye damage. Irritating to skin. Inhalation of dust in high concentration may cause irritation of 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.
Effects of Exposure	No information available.

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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.		
SECTION 5: Firefighting mea	asures		
5.1. Extinguishing media			
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Unsuitable extinguishing media	Full water jet.		
5.2. Special hazards arising from t	he substance or mixture		
Specific hazards arising from the chemical	Product is or contains a sensitiser. May cause sensitisation by skin contact.		
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 release measures			
6.1. Personal precautions, protective 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 cont	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	torage		
7.1. Precautions for safe handling	_		

### 7.1. Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation. Avoid generation of dust. Avoid contact with skin, eyes or clothing. Use personal protection equipment. Take off contaminated clothing and wash it before reuse.

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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, inc	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. Protect from moisture.
7.3. Specific end use(s)	
<b>Specific use(s)</b> Building and construction work.	
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>
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>

Derived No Effect Level (DNEL) No information available

#### **Predicted No Effect Concentration** (PNEC) 8.2. Exposure controls Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be **Engineering controls** exhausted directly at the point of origin. Personal protective equipment Wear safety glasses with side shields (or goggles). Use eye protection according to EN Eye/face protection 166, designed to protect against powders and dusts. Wear protective gloves. Gloves must conform to standard EN 374. Ensure that the Hand protection breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. 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. Avoid contact with skin, eyes or clothing. Wear appropriate personal protective clothing Skin and body protection to prevent skin contact. No protective equipment is needed under normal use conditions. If exposure limits are **Respiratory protection** exceeded or irritation is experienced, ventilation and evacuation may be required. Avoid

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Recommended filter type:	generation of dust. Possible nuisance black. with filter for particulates. Wear filter or better.	e dust. a respirator conforming to EN 140 with Type P2/P3
Environmental exposure controls	No information available.	
SECTION 9: Physical and ch	emical properties	
9.1. Information on basic physical		
Physical state	Solid	
Appearance	Powder	
Colour	White	
Odour	No information available.	
Property	Values	Remarks • Method
Melting point / freezing point	Not applicable .	
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 limits	No data avaliable	
Flash point	Not applicable .	
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	No data available	
pH (as aqueous solution)	> No data available	
Kinematic viscosity	Not applicable .	
Dynamic viscosity		
Water solubility	No data available. Cement based	
	products react and solidify in contact	
Solubility/icc)	with water No data available	None known
Solubility(ies) Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	No data available	
Bulk Density	1.3	
Density	1.8 g/ml	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	50-700 μm	
Particle Size Distribution	No information available	
9.2. Other information		
Solid content (%)	100	
Softening Point	Not relevant	
VOC content	No data ava	ailable
9.2.1. Information with regards to p Not applicable	physical hazard classes	

9.2.2. Other safety characteristics No information available Not applicable .

# **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

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Reactivity	Product cures with moisture.	
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 reactions		
Possibility of hazardous reactions	None under normal processing.	
10.4. Conditions to avoid		
Conditions to avoid	Product cures with moisture. Protect from moisture.	
10.5. Incompatible materials		
Incompatible materials	Strong acids. Strong bases. Strong oxidising agents. Acids. Aluminium.	
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 hazard classes as defined in Regulation (EC) No 1272/2008

# Information on likely routes of exposure

#### 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 based on chapter 3.1 of the GHS document ATEmix (oral) >5000 mg/kg

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ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
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	-
2-octyl-2H-isothiazol-3-one	=125 mg/kg (Rattus)	= 690 mg/kg (Oryctolagus	-
[OIT]		cuniculus)	

#### 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. Causes skin irritation.

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404:	Rabbit	Dermal			Corrosive
Acute Dermal					
Irritation/Corrosion					

Serious eye damage/eye irritation

Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

# 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Species	Exposure route	Results	
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse		sensitising	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.			
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	May cause respiratory irritat	lion.		
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				

United Kingdom - BE

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## 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

Harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
2-octyl-2H-isothiazol-3- one [OIT] 26530-20-1	EC50(72h) = 0.084 mg/L (Scenedesmus subspicatus) (OECD 201)	LC50 (96h) = 0.036 mg/L (Oncorhynchus mykiss) (OECD 203)		EC50 (48h) =0.42 mg/L (OECD 202)	10	1

# 12.2. Persistence and degradability

## Persistence and degradability No information available.

Quartz (14808-60-7)

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Exposure time	Value	Results
OECD Test No. 309: Aerobic		Half-life 0.6-1.4 d	Readily biodegradable
Mineralization in Surface Water -			
Simulation Biodegradation Test			

### 12.3. Bioaccumulative potential

### Bioaccumulation

### **Component Information**

Chemical name	Partition coefficient
2-octyl-2H-isothiazol-3-one [OIT]	2.92

# 12.4. Mobility in soil

# Mobility in soilNo information available.12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
2-octyl-2H-isothiazol-3-one [OIT]	The substance is not PBT / vPvB

# 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

## 12.7. Other adverse effects

No information available.

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# SECTION 13: Disposal considerations

<u>13.1.</u>	Waste	treatment	methods	

Waste from residues/unused products	Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.
Contaminated packaging	Handle contaminated packages in the same way as the product itself.
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 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special precautions for user Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None
IMDG14.1UN number or ID number14.2UN proper shipping name14.3Transport hazard class(es)14.4Packing group14.5Marine pollutant14.6Special precautions for user Special Provisions14.7Maritime transport in bulk	Not regulated Not regulated Not regulated Not regulated NP None
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 14.2 UN proper shipping name 14.3 Transport hazard class(es)	Not regulated Not regulated Not regulated

14.2 UN proper sh	ipping name	Not regulated
14.3 Transport haz	zard class(es)	Not regulated
14.4 Packing grou	р	Not regulated
14.5 Environmenta	al hazards	Not applicable
14.6 Special preca	utions for user	
Special Provision	ons	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

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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 >=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	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)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

### **Persistent Organic Pollutants**

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

- H301 Toxic if swallowed H311 - Toxic in contact with skin
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H331 Toxic if inhaled
- H335 May cause respiratory irritation
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

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<b>Legend</b> 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
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 sources for data No information available		
Prepared By	Product Safety & Regulatory Affairs	
Revision date	03-Nov-2023	
Indication of changes		
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, 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