

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

#### SOVEREIGN SULPHATE RESISTANT READY RENDER

Supercedes Date: 05-Nov-2020

Revision date 04-Jan-2022 Revision Number 1.02

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

1.1. Product identifier

Product Name SOVEREIGN SULPHATE RESISTANT READY RENDER

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

**United Kingdom** +44 (1785) 272650

**Ireland** +353 (1) 8624900 (Monday- Friday 9am-5pm)

## **SECTION 2: Hazards identification**

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

Regulation (EC) No 1272/2008

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)

#### 2.2. Label elements

Contains Portland Cement, Calcium hydroxide



### 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.

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#### 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

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

P280 - Wear protective gloves and eye/face protection

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

P405 - Store locked up

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	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	۸		[4]
Portland Cement	266-043-4	65997-15-1	15 - 25	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317)		[5]
Calcium hydroxide	215-137-3	1305-62-0	10 - <20	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)		01-2119475151- 45-XXXX

NOTE [4] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex IV of REACH

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

#### 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

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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 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.

#### 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 measures**

#### 5.1. Extinguishing media

surrounding environment.

Unsuitable extinguishing media No information available.

#### 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.

Hazardous combustion products Silicon dioxide.

5.3. Advice for firefighters

**Special protective equipment and**Firefighters should wear self-contained breathing apparatus and full firefighting turnout precautions for fire-fighters

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**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.

6.2. Environmental precautions

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Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment 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

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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 storage

#### 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.

**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. 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)

Specific use(s)

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** 

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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		
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>
Calcium hydroxide	TWA: 1 mg/m³ respirable fraction	TWA: 1 mg/m <sup>3</sup>
1305-62-0	STEL: 4 mg/m³ respirable fraction	TWA: 5 mg/m <sup>3</sup>
		STEL: 4 mg/m <sup>3</sup>
		STEL: 15 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

Derived No Effect Level (D	NEL)					
Quartz (14808-60-7)	Quartz (14808-60-7)					
Portland Cement (65997-1	5-1)					
Calcium hydroxide (1305-6	52-0)					
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor			
worker Short term Local health effects	Inhalation	4 mg/m³				
worker Long term Local health effects	Inhalation	1 mg/m³				

Derived No Effect Level (DNEL) Calcium hydroxide (1305-62-0)						
Type Exposure route Derived No Effect Level Safety factor (DNEL)						
Consumer Short term Local health effects	Inhalation	4 mg/m³				
Consumer Long term Local health effects	Inhalation	1 mg/m³				

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

Predicted No Effect Concentration (PNEC)			
Calcium hydroxide (1305-62-0)			
Environmental compartment	Predicted No Effect Concentration (PNEC)		
Freshwater	0.49 mg/l		
Marine water	0.32 mg/l		
Sewage treatment plant	3 mg/l		
Soil	1080 mg/kg dry weight		

### 8.2. Exposure controls

**Engineering controls**Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

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Personal protective equipment

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**Eye/face protection** Wear safety glasses with side shields (or goggles).

Hand protection Wear protective gloves. Gloves made of plastic or rubber. For operations where

prolonged or repeated skin contact may occur, impervious gloves should be worn. Gloves must conform to standard EN 374. Gloves should be replaced regularly and if

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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. Possible nuisance dust.

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

Environmental exposure controls No information available.

### SECTION 9: Physical and chemical properties

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

Physical statePowderAppearancePowderColourGreyOdourCement

Odour threshold No information available

Property Values Remarks • Method

pH No data available
pH (as aqueous solution)
Melting point / freezing point
Initial boiling point and boiling

No data available
No data available
Not applicable . °C
Not applicable . °C

range

Flash point Not applicable . °C
Evaporation rate Not applicable .
Flammability No data available

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapour pressureNo data availableRelative vapour densityNo data available

Relative density 1.4 1.6

Water solubility Cement based products react and

solidify in contact with water

No data available Solubility(ies) **Partition coefficient** No data available **Autoignition temperature** No data available **Decomposition temperature** No data available Kinematic viscosity Not applicable . Not applicable . Dynamic viscosity No data available **Explosive properties** Oxidising properties No data available

9.2. Other information

Solid content (%) No information available

Softening Point Not relevant

**VOC Content (%)** 

**Density** No data available

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## SECTION 10: Stability and reactivity

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10.1. Reactivity

**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 toxicological effects

#### 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.

#### Numerical measures of toxicity

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#### **Acute toxicity**

#### **Component Information**

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Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	>2000 mg/kg (Rattus)		
14808-60-7			
Portland Cement	LD50 >2000 mg/Kg (Rattus)	LD50 >2000 mg/Kg	
65997-15-1			
Calcium hydroxide	=7340 mg/kg (Rattus)	LD50 > 2500 mg/kg bw (OECD	> 6.04 mg/L (Rat) 4 h
1305-62-0		402, Oryctolagus 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. 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.

**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 irritation.

**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**

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Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Calcium hydroxide 1305-62-0	EC50 = 184.57 g/ml (72Hr)	LC50: =160mg/L (96h, Gambusia affinis)	-	EC50 = 49.1 g/ml (48 hr)		

#### 12.2. Persistence and degradability

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Persistence and degradability No information available.

12.3. Bioaccumulative potential

**Bioaccumulation** No information available.

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Quartz	-	0
14808-60-7		

### 12.4. Mobility in soil

Mobility in soil No 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.

Chemical name	PBT and vPvB assessment
Calcium hydroxide	The substance is not PBT / vPvB
1305-62-0	PBT assessment does not apply

#### 12.6. Other adverse effects

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** 17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09

01, 17 09 02 and 17 09 03

10 13 06 particulates and dust (except 10 13 12 and 10 13 13)

Cured product can be treated as construction waste. In the management of larger quantities consult with local authorities and local waste disposal company

10 13 14 waste concrete and concrete sludge

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

### SECTION 14: Transport information

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#### Land transport (ADR/RID)

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14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable14.6 Special ProvisionsNone

IMDG

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Marine pollutantNP

14.5 Marine pollutantNP14.6 Special ProvisionsNone

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 numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot 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 >=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)

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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

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

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Indication of changes

Revision note Not applicable.

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

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#### **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** 

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