



# Ronacrete

world class manufacturer

## SAFETY DATA SHEET

### RonaBond Concrete Cover Elastic - Powder

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

**Product name** RonaBond Concrete Cover Elastic - Powder

**Product number** PC596

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

**Identified uses** [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen). [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact). [ERC5] Industrial use resulting in inclusion into or onto a matrix. [AC4] Stone, plaster, cement, glass and ceramic articles.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Ronacrete Limited  
 Ronac House  
 Flex Meadow  
 Harlow  
 Essex  
 CM19 5TD  
 www.ronacrete.co.uk  
 Tel: 01279 638 700  
 Fax: 01279 638 701  
 Email: sds@ronacrete.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1279 638700

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335

**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Danger

## RonaBond Concrete Cover Elastic - Powder

<b>Hazard statements</b>	H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.
<b>Precautionary statements</b>	P261 Avoid breathing dust. P280 Wear protective clothing, gloves, eye and face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. 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/ doctor. P501 Dispose of contents/ container in accordance with national regulations.
<b>Contains</b>	Cement, portland, chemicals, Flue dust, portland cement
<b>Supplementary precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.  
Dust may contain respirable crystalline silica. Prolonged and or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Quartz (SiO<sub>2</sub>)</b>	<b>25 - &lt;50%</b>
CAS number: 14808-60-7                      EC number: 238-878-4	
Substance with National workplace exposure limits.	
<b>Classification</b>	
Not Classified	
<b>Cement, portland, chemicals</b>	<b>25 - &lt;50%</b>
CAS number: 65997-15-1                      EC number: 266-043-4	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
STOT SE 3 - H335	

## RonaBond Concrete Cover Elastic - Powder

<b>Flue dust, portland cement</b>	<b>1 - &lt;2.5%</b>
CAS number: 68475-76-3	EC number: 270-659-9
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
STOT SE 3 - H335	
<b>Cellulose</b>	<b>0.5 - &lt;1%</b>
CAS number: 9004-34-6	EC number: 232-674-9
Substance with National workplace exposure limits.	
<b>Classification</b>	
Not Classified	
<b>Quartz (SiO<sub>2</sub>) [respirable crystalline]</b>	<b>0.25 - &lt;0.5%</b>
CAS number: 14808-60-7	EC number: 238-878-4
<b>Classification</b>	
STOT RE 1 - H372	
<b>Tin sulphate</b>	<b>&lt;0.025%</b>
CAS number: 7488-55-3	EC number: 231-302-2
Substance with National workplace exposure limits.	
<b>Classification</b>	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
STOT SE 3 - H335	
STOT RE 2 - H373	
Aquatic Chronic 3 - H412	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### **General information**

If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

##### **Inhalation**

Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

## RonaBond Concrete Cover Elastic - Powder

<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. If in doubt, get medical attention promptly.
<b>Skin contact</b>	Brush off loose particles from skin. It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

<b>General information</b>	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Dust may contain respirable crystalline silica. Prolonged and or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing.
<b>Ingestion</b>	May cause discomfort. May cause irritation. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Skin contact</b>	May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

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

<b>Notes for the doctor</b>	Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.
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## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### 5.3. Advice for firefighters

## RonaBond Concrete Cover Elastic - Powder

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Avoid inhalation of dust. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes. Wash thoroughly after dealing with a spillage.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid generation and spreading of dust. Avoid discharge into drains or watercourses or onto the ground.
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Dry product: Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Avoid generation and spreading of dust. Wet product: Collect and place in suitable waste disposal containers and seal securely. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
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#### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.
<b>Advice on general occupational hygiene</b>	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

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

## RonaBond Concrete Cover Elastic - Powder

### Storage precautions

Store away from incompatible materials (see Section 10). Keep only in the original container. Store in tightly-closed, original container in a dry and cool place. If stored correctly, as detailed above and used within the declared shelf life shown on the bag, the activity of the reducing agent\* will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2ppm) soluble chromium (VI) of the total dry weight of cement. Use of this product beyond the declared shelf life may increase the risk of an allergic reaction.  
\*Added to control the level of soluble chromium (VI).

### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Quartz (SiO<sub>2</sub>)

Long-term exposure limit (8-hour TWA): WEL 6 mg/m<sup>3</sup> inhalable dust  
Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m<sup>3</sup> respirable dust

##### Cement, portland, chemicals

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust  
Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

##### Cellulose

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute): WEL 20 mg/m<sup>3</sup>

##### Quartz (SiO<sub>2</sub>) [respirable crystalline]

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup> respirable dust

##### Tin sulphate

Long-term exposure limit (8-hour TWA): WEL 2 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute): WEL 4 mg/m<sup>3</sup>  
as Sn

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

## RonaBond Concrete Cover Elastic - Powder

<b>Hand protection</b>	It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
<b>Other skin and body protection</b>	Wear suitable protective clothing as protection against splashing or contamination.
<b>Hygiene measures</b>	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
<b>Respiratory protection</b>	Wear a suitable dust mask.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Powder.
<b>Colour</b>	Brown.
<b>Odour</b>	Slight.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Not determined.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.

## RonaBond Concrete Cover Elastic - Powder

<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Other information</b>	None.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Protect from moisture.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Acute toxicity - inhalation

<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Skin corrosion/irritation

<b>Skin corrosion/irritation</b>	Skin Irrit. 2 - H315 Causes skin irritation.
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#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Eye Dam. 1 - H318 Causes serious eye damage.
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#### Respiratory sensitisation

<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
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#### Skin sensitisation

<b>Skin sensitisation</b>	Skin Sens. 1 - H317 May cause an allergic skin reaction.
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## RonaBond Concrete Cover Elastic - Powder

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

### Carcinogenicity

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

### IARC carcinogenicity

Contains a substance/a group of substances which may cause cancer. IARC Group 1  
Carcinogenic to humans.

### Reproductive toxicity

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

**Reproductive toxicity - development**

Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H335 May cause respiratory irritation.

**Target organs**

Respiratory system, lungs

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Not relevant. Solid.

### General information

Dust may irritate the eyes and the respiratory system. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing.

**Ingestion**

May cause sensitisation or allergic reactions in sensitive individuals. May cause irritation.

**Skin contact**

May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.

**Eye contact**

Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

**Route of exposure**

Ingestion Inhalation Skin and/or eye contact

**Target organs**

Respiratory system, lungs

**Medical considerations**

Skin disorders and allergies.

### Toxicological information on ingredients.

#### Quartz (SiO<sub>2</sub>)

**Toxicological effects**

Not regarded as a health hazard under current legislation. (Quartz fine fraction <1%)

#### Cement, portland, chemicals

**Skin corrosion/irritation**

**Animal data**

Skin Irrit. 2 - H315 Causes skin irritation.

**Serious eye damage/irritation**

## RonaBond Concrete Cover Elastic - Powder

<b>Serious eye damage/irritation</b>	Eye Dam. 1 - H318 Causes serious eye damage.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Skin Sens. 1 - H317 May cause an allergic skin reaction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	STOT SE 3 - H335 May cause respiratory irritation.

### SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

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

#### Ecological information on ingredients.

##### Quartz (SiO<sub>2</sub>)

**Toxicity** Not regarded as dangerous for the environment.

##### Cement, portland, chemicals

**Toxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

#### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

#### Ecological information on ingredients.

##### Quartz (SiO<sub>2</sub>)

**Persistence and degradability** The product contains inorganic substances which are not biodegradable.

##### Cement, portland, chemicals

**Persistence and degradability** No data available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### Ecological information on ingredients.

##### Quartz (SiO<sub>2</sub>)

**Bioaccumulative potential** No data available on bioaccumulation.

##### Cement, portland, chemicals

**Bioaccumulative potential** No data available on bioaccumulation.

#### 12.4. Mobility in soil

## RonaBond Concrete Cover Elastic - Powder

**Mobility** The product is partly soluble in water and may spread in the aquatic environment.

### Ecological information on ingredients.

#### Quartz (SiO<sub>2</sub>)

**Mobility** No data available.

#### Cement, portland, chemicals

**Mobility** No information available.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### Quartz (SiO<sub>2</sub>)

**Results of PBT and vPvB assessment** Substance is inorganic. Not relevant.

#### Cement, portland, chemicals

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Mix product with water and allow to harden. Dispose of contents/container in accordance with national regulations.

## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

## RonaBond Concrete Cover Elastic - Powder

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## SECTION 15: Regulatory information

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

#### **National regulations**

Health and Safety at Work etc. Act 1974 (as amended).  
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
EH40/2005 Workplace exposure limits.

#### **EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

#### **Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  
IATA: International Air Transport Association.  
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
IMDG: International Maritime Dangerous Goods.  
CAS: Chemical Abstracts Service.  
ATE: Acute Toxicity Estimate.  
LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
EC<sub>50</sub>: 50% of maximal Effective Concentration.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.

## RonaBond Concrete Cover Elastic - Powder

<b>Classification abbreviations and acronyms</b>	Eye Dam. = Serious eye damage Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation STOT SE = Specific target organ toxicity-single exposure
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Eye Dam. 1 - H318: STOT SE 3 - H335: Skin Irrit. 2 - H315: Skin Sens. 1 - H317: : Calculation method.
<b>Training advice</b>	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
<b>Revision comments</b>	This is the first issue.
<b>Issued by</b>	sds@ronacrete.co.uk
<b>Revision date</b>	06/12/2018
<b>SDS number</b>	8326
<b>Hazard statements in full</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. H372 Causes damage to organs through prolonged or repeated exposure.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010



**Ronacrete**  
WORLD CLASS MANUFACTURER

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

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

#### 1.1 Product identifier

Trade name : RonaBond Concrete Cover Elastic Gauging Liquid

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

Use of the Substance/Mixture : Raw material  
Industrial use

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

Company : Ronacrete Ltd  
Ronac House, Flex Meadow  
Harlow, Essex, CM19 5TD  
Telephone : +441279638700  
Telefax : +441279638701  
E-mail address : [technical@ronacrete.co.uk](mailto:technical@ronacrete.co.uk)

#### 1.4 Emergency telephone number

**Global coverage (except for the regions detailed separately)** : +44 (0) 1235 239 670  
**China** : +86 10 5100 3039  
**Malaysia** : +60 3 6207 4347

Country	EU poison centres	National Numbers
Austria	Vergiftungsinformationszentrale (Poisons Information Centre)	+43 1 406 43 43
Belgium	Centre Antipoisons-Antigifcentrum	+32 70245245
Bulgaria	National Toxicological Information Centre at National Clinical Toxicology Centre	+359 2 9154 233
Croatia	Poison Control Centre Zagreb	+385 1 2348342
Czech Republic	Toxicological Information Centre	+420 224 919 293
Denmark	Poison Information Center	+45 82 12 12 12
Estonia	Estonian Poison Information Centre	+372 626 93 90
Finland	Finnish Poison Information Centre	+358 9 471977
France	Centre Antipoison et de Toxicovigilance de Angers	+33 2 41 35 33 30
Hungary	Health Toxicological Information Service	+36 80 20 11 99
Iceland	Iceland Poison Information Centre	+354 543 8223 +353 1 837 9964
Ireland	Poisons Information Centre of Ireland	(medical professionals) +353 1 809 2166 (public)
Latvia	Valsts Toksikoloģijas centrs	+371 67042473
Lithuania	Lithuania Poisons Control and Information Bureau	+370 5 236 20 52/+370 687 533 78
Malta	Mater Dei Hospital	+60 2545 0000 +31 30 274 88 88 (alleen voor professionele hulpverleners in geval van calamiteiten)
Netherlands	Nationaal Vergiftigingen Informatie Centrum (NVIC), de Nederland	

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

Norway	Department for Poisons Information	+47 22 59 13 00
Portugal	CIAV - Centro de Informaao Antivenenos	+351 808 250 143
Slovakia	National Toxicological Information Center	+421 2 54 774 166
Spain	Instituto Nacional de Toxicologia	+34 156 20420
Sweden	Giftinformationscentralen (Swedish Poisons Information Centre)	+46 8 33 12 31 / 112

## SECTION 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

#### Classification (67/548/EEC, 1999/45/EC)

This mixture is not classified as dangerous according to Directive 1999/45/EC.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

#### Additional Labelling:

EUH208 Contains: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1), 1,2-Benzisothiazol-3(2H)-one. , 2-Methyl-2H-isothiazol-3-one.  
May produce an allergic reaction.

### 2.3 Other hazards

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

## SECTION 3. Composition/information on ingredients

### 3.2 Mixtures

Chemical nature	:	Polymer aqueous dispersion
Remarks	:	No dangerous ingredients according to Regulation (EC) No. 1907/2006

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

- General advice : Get medical attention if symptoms occur.  
: Show this safety data sheet to the doctor in attendance.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off immediately with soap and plenty of water.  
: Remove contaminated clothing. If irritation develops, get medical attention.  
: Wash contaminated clothing before reuse.
- In case of eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- If swallowed : If accidentally swallowed obtain immediate medical attention.  
: Do NOT induce vomiting.

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

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Repeated or prolonged exposure may cause irritation of eyes and skin.

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

No information available.

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## SECTION 5. Fire-fighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Not combustible.  
: 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 substance or mixture

The pressure in sealed containers can increase under the influence of heat.

### 5.3 Advice for firefighters

Use personal protective equipment.  
The product itself does not burn.  
Prevent fire extinguishing water from contaminating surface water or the ground water system.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.



# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

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### SECTION 6. Accidental release measures

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

Use personal protective equipment.

#### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

#### 6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Large spills should be collected mechanically (remove by pumping) for disposal.

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Pick up and transfer to properly labelled containers.

Clean contaminated floors and objects thoroughly while observing environmental regulations.

Dispose of in accordance with local regulations.

#### 6.4 Reference to other sections

For personal protection see section 8.

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### SECTION 7. Handling and storage

#### 7.1 Precautions for safe handling

Wear personal protective equipment.

For personal protection see section 8.

Avoid inhalation, ingestion and contact with skin and eyes.

Do not use in areas without adequate ventilation.

Smoking, eating and drinking should be prohibited in the application area.

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

Store in original container.

Keep in properly labelled containers.

Store between 5 and 35 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Do not freeze.

#### 7.3 Specific end uses

Consult the technical guidelines for the use of this substance/mixture.

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### SECTION 8. Exposure controls/personal protection

#### 8.1 Control parameters

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

Components with workplace control parameters, below limit for consideration

### 8.2 Exposure controls

#### Engineering measures

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Respiratory protection : not required under normal use

Hand protection : Protective gloves complying with EN 374.

: Nitrile rubber  
Break through time: 480 min  
Glove thickness: 0.1 - 0.4 mm

: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : not required under normal use

: Skin should be washed after contact.

: Remove and wash contaminated clothing before re-use.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

: When using do not eat, drink or smoke.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

#### Environmental exposure controls

General advice:

The product should not be allowed to enter drains, water courses or the soil.

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## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

Appearance	: liquid, aqueous dispersion
Colour	: white
Odour	: ester-like
Odour Threshold	: not determined
pH	: 6.5 - 7.5
Melting point/freezing point	: not determined
Boiling point	: not determined
Flash point	: not applicable
Evaporation rate	: not determined
Flammability (solid, gas)	: The product is not flammable.
Lower explosion limit	: not applicable
Upper explosion limit	: not applicable
Vapour pressure	: ca. 23 hPa, at 20 °C
Relative vapour density	: not determined
Relative density	: 0.9 - 1.1
Water solubility	: insoluble, completely miscible, in all proportions
Partition coefficient: n-octanol/water	: not determined
Ignition temperature	: not applicable
Viscosity, dynamic	: 500 - 2,500 mPa s
Explosive properties	: not applicable
Oxidizing properties	: not applicable

### 9.2 Other information

No information available.

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## SECTION 10. Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None known.

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

### 10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

No data is available on the product itself. Information given is based on data on the components and the toxicology of similar products.

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## SECTION 12. Ecological information

### 12.1 Toxicity

#### Product:

Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Bioaccumulation is unlikely.

### 12.4 Mobility in soil

#### Product:

Distribution among environmental compartments : No data available

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

Physico-chemical removability : 98 %, OECD Test Guideline 302, The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

### 12.5 Results of PBT and vPvB assessment

#### Product:

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

### 12.6 Other adverse effects

#### Product:

This product has no known eco-toxicological effects.

---

## SECTION 13. Disposal considerations

### 13.1 Waste treatment methods

In accordance with local and national regulations.  
The product should not be allowed to enter drains, water courses or the soil.  
Waste water from subsequent processing should be given appropriate treatment in line with local regulations.

Contaminated packaging : In accordance with local and national regulations.

---

## SECTION 14. Transport information

### 14.1 UN number

#### **ADR**

Not dangerous goods

#### **RID**

Not dangerous goods

#### **IMDG**

Not dangerous goods

#### **IATA**

Not dangerous goods

### 14.2 Proper shipping name

#### **ADR**

Not dangerous goods

#### **RID**

Not dangerous goods

#### **IMDG**

Not dangerous goods

#### **IATA**

Not dangerous goods

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

### 14.3 Transport hazard class

**ADR**

Not dangerous goods

**RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 14.4 Packing group

**ADR**

Not dangerous goods

**RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 14.5 Environmental hazards

**ADR**

Not dangerous goods

**RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

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## SECTION 15. Regulatory information

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

Water contaminating class (Germany) : WGK 1 slightly water endangering  
Classification according VwVwS, Annex 4.

# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

## RonaBond Concrete Cover Elastic - Gauging Liquid

Revision Date 30.05.2015

Supersedes -

Print Date 08.06.2015

Version 1.0

### 15.2 Chemical Safety Assessment

not applicable

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## SECTION 16. Other information

### Further information

This data sheet contains changes from the previous version in section(s):

1. Identification of the substance/mixture and of the company/undertaking
2. Hazards identification
3. Composition/information on ingredients
4. First aid measures
5. Fire-fighting measures
6. Accidental release measures
7. Handling and storage
8. Exposure controls/personal protection
9. Physical and chemical properties
10. Stability and reactivity
11. Toxicological information
12. Ecological information
13. Disposal considerations
14. Transport information
15. Regulatory information
16. Other information

Information taken from reference works and the literature.

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.