

SECTION 1: Identification of th	e substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Ronafix Pre-Packed Wearing Screed 25mm+
Product number	PC137
1.2. Relevant identified uses of	f 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) [AC4] Stone, plaster, cement, glass and ceramic articles [ERC5] Industrial use resulting in inclusion into or onto a matrix.
1.3. Details of the supplier of the	ne 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 nun	nber
Emergency telephone	+44 (0) 1279 638700
National emergency telephone number	UK Consumers NHS 111. Medical professionals - www.toxbase.org
SECTION 2: Hazards identification	ation
2.1. Classification of the substa	ance or mixture
Classification	
Physical hazards	
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	
Pictogram	
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	<ul> <li>P261 Avoid breathing vapour/spray.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P280 Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P310 Immediately call a POISON CENTER/doctor.</li> <li>P312 Call a POISON CENTER/doctor if you feel unwell.</li> <li>P321 Specific treatment (see medical advice on this label).</li> <li>P332+P313 If skin irritation occurs: Get medical advice/attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</li> <li>P405 Store locked up.</li> <li>P501 Dispose of contents/container in accordance with national regulations.</li> </ul>
Supplemental label information	EUH203 Contains chromium (VI). May produce an allergic reaction.
Contains	Cement

#### 2.3. Other hazards

None known.

### SECTION 3: Composition/information on ingredients

3.2. Mixtures	
Sand	30-60%
CAS number: —	
Classification Not Classified	
Cement	10-30%
CAS number: 65997-15-1	
Classification	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
STOT SE 3 - H335	
STOT SE 3 - H335	

Sand		1-5%
CAS number: —		
Classification		
Not Classified		
quartz (respirable silica)		<1%
CAS number: 14808-60-7		
Classification		
STOT RE 1 - H372		
Tin sulphate		<1%
CAS number: 7488-55-3		
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1B - H317		
Muta. 2 - H341		
Repr. 2 - H361		
STOT SE 3 - H335		
STOT RE 2 - H373 STOT SE 3 - H335		
Aquatic Acute 1 - H400		
Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if a large quantity has been ingested.
Skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
4.2. Most important symptoms	and effects, both acute and delayed
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Dust may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.

Skin contact	This product is strongly irritating. Prolonged contact with moist or wet product may cause burns. May cause skin sensitisation or allergic reactions in sensitive individuals.		
Eye contact	Symptoms following overexposure to dust may include the following: Severe irritation, burning, tearing and blurred vision. May cause chemical eye burns.		
4.3. Indication of any immediat	e medical attention and special treatment needed		
Notes for the doctor	Treat symptomatically.		
SECTION 5: Firefighting measurements	ures		
5.1. Extinguishing media			
Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.		
5.2. Special hazards arising fro	m the substance or mixture		
Specific hazards	The product is not flammable. The product is non-combustible.		
5.3. Advice for firefighters			
Protective actions during firefighting	No specific firefighting precautions known.		
SECTION 6: Accidental release	e measures		
6.1. Personal precautions, prot	ective equipment and emergency procedures		
Personal precautions	Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.		
6.2. Environmental precautions			
Environmental precautions	Avoid generation and spreading of dust. Do not release into the environment.		
6.3. Methods and material for c	containment and cleaning up		
Methods for cleaning up	Dry product - Use clean up methods that do not cause airborne dispersion, e.g. an industrial vacuum cleaner, or spray with a fine mist of water prior to shovelling up the resultant slurry. Wet product - Shovel up and place into plastic containers. Allow to harden before disposal.		
6.4. Reference to other section	S		
Reference to other sections	For waste disposal, see Section 13.		
SECTION 7: Handling and stor	age		
7.1. Precautions for safe handl	ing		
Usage precautions	Avoid handling which leads to dust formation. For personal protection, see Section 8.		
7.2. Conditions for safe storage	7.2. Conditions for safe storage, including any incompatibilities		
Storage precautions	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).		
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

#### Sand

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

#### Cement

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

#### Sand

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> total inhalable dust Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup> respirable silica

#### quartz (respirable silica)

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

#### Tin sulphate

Long-term exposure limit (8-hour TWA): WEL 2 mg/m<sup>3</sup> as Sn 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	Wear chemical splash goggles.
Hand protection	It is recommended that chemical-resistant, impervious gloves are worn.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination.
Hygiene measures	Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Provide eyewash station.
Respiratory protection	Wear a suitable dust mask.
Environmental exposure controls	Keep container tightly sealed when not in use.

## SECTION 9: Physical and Chemical Properties

## 9.1. Information on basic physical and chemical properties

Appearance	Powder.
Colour	Grey.
Odour	No characteristic odour.
Solubility(ies)	Slightly soluble in water.
9.2. Other information	

Other information	None.		
SECTION 10: Stability and re	SECTION 10: Stability and reactivity		
10.1. Reactivity			
Reactivity	There are no known reactivity hazards associated with this product.		
10.2. Chemical stability			
Stability	Stable under the prescribed storage conditions.		
10.3. Possibility of hazardous	10.3. Possibility of hazardous reactions		
Possibility of hazardous reactions	None known.		
10.4. Conditions to avoid			
Conditions to avoid	Protect from moisture.		
10.5. Incompatible materials			
Materials to avoid	None known.		
10.6. Hazardous decomposition products			
Hazardous decomposition products	None known.		
SECTION 11: Toxicological in	nformation		

### 11.1. Information on toxicological effects

Inhalation	May cause respiratory system irritation. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.	
Ingestion	Only large quantities are likely to have adverse effects on human health.	
Skin contact	This product is strongly irritating. May cause serious chemical burns to the skin. May cause sensitisation by skin contact. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.	
Eye contact	May cause serious eye damage. Corneal damage.	
Medical considerations	The following pre-existing or historic medical conditions of the worker may lead to an increased risk of adverse health effects following exposure to this product: Skin disorders and allergies.	
SECTION 12: Ecological Inform	mation	
12.1. Toxicity		
Toxicity	No negative effects on the aquatic environment are known.	
12.2. Persistence and degradability		
Persistence and degradability	The product contains mainly inorganic substances which are not biodegradable.	
12.3. Bioaccumulative potential		
Bioaccumulative potential	No data available on bioaccumulation.	
12.4. Mobility in soil		
Mobility	The product hardens to a solid, immobile substance.	

#### 12.5. Results of PBT and vPvB assessment

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

#### 12.6. Other adverse effects

Other adverse effects None known.

#### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Disposal methodsMix product with water, allow to harden, then dispose of according to local or national<br/>guidelines. Dispose of waste product or used containers in accordance with local 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)

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 MARPOL73/78 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

EU legislation	Dangerous Preparations Directive 1999/45/EC.
	Dangerous Substances Directive 67/548/EEC.
	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).
	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).

#### Guidance

www.echa.europa.eu www.hse.gov.uk Workplace Exposure Limits EH40. Supplier product information and safety data sheets.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Issued by Revision date Revision	sds@ronacrete.co.uk 07/07/2015 1
SDS number	4779
Hazard statements in full	<ul> <li>H315 Causes skin irritation.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H318 Causes serious eye damage.</li> <li>H319 Causes serious eye irritation.</li> <li>H332 Harmful if inhaled.</li> <li>H335 May cause respiratory irritation.</li> <li>H341 Suspected of causing genetic defects.</li> <li>H361 Suspected of damaging fertility or the unborn child.</li> <li>H372 Causes damage to organs through prolonged or repeated exposure.</li> <li>H373 May cause damage to organs through prolonged or repeated exposure.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> </ul>

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.



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

# RonaFix Pre-packed Wearing Screed 25mm+ - Gauging Liquid

1.1. Product identifier	
Product name	RonaFix Pre-packed Wearing Screed 25mm+ - Gauging Liquid
Product number	PC137
1.2. Relevant identified uses	s 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) [AC4] Stone, plaster, cement, glass and ceramic articles [ERC5] Industrial use resulting in inclusion into or onto a matrix
1.3. Details of the supplier o	f 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 n	number
Emergency telephone	+44 (0) 1279 638700
National emergency telepho number	ne UK Consumers NHS 111. Medical professionals - www.toxbase.org
SECTION 2: Hazards identit	fication
2.1. Classification of the sub	ostance or mixture
Classification	
Physical hazards	Not Classified
Health hazards	Elicitation - EUH208
Environmental hazards	Not Classified
2.2. Label elements	
Hazard statements	EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
Precautionary statements	<ul> <li>P102 Keep out of reach of children.</li> <li>P234 Keep only in original container.</li> <li>P264 Wash hands thoroughly after handling.</li> <li>P404 Store in a closed container.</li> <li>P501 Dispose of contents/container in accordance with local regulations.</li> </ul>

P280 Wear protective gloves.

#### 2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients		
3.2. Mixtures		
Composition comments	No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.	
SECTION 4: First aid measure	S	
4.1. Description of first aid measures		
Inhalation	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air at once. Get medical attention if symptoms are severe or persist.	
Ingestion	Rinse nose and mouth with water. Get medical attention.	
Skin contact	Rinse immediately with plenty of water.	
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.	
4.2. Most important symptoms	and effects, both acute and delayed	
General information	See Section 11 for additional information on health hazards.	
4.3. Indication of any immediate medical attention and special treatment needed		
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.	
5.2. Special hazards arising fro	om the substance or mixture	
Specific hazards	Not known.	
5.3. Advice for firefighters		
Protective actions during firefighting	Fight fire with normal precautions from a reasonable distance. Containers close to fire should be removed or cooled with water.	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.	
SECTION 6: Accidental releas	e measures	
6.1. Personal precautions, prot	ective equipment and emergency procedures	
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.	
6.2. Environmental precautions	3	
Environmental precautions	Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.	
6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	Absorb spillage with non-combustible, absorbent material. Place waste in labelled, sealed containers. Flush contaminated area with plenty of water.	
6.4. Reference to other sections		

**Reference to other sections** For waste disposal, see Section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Usage precautions	Do not eat, drink or smoke when using this product.
Advice on general occupational hygiene	Wash contaminated skin thoroughly after handling.
7.2. Conditions for safe storage, including any incompatibilities	
Storage precautions	Store in tightly-closed, original container in a dry and cool place. Avoid freezing. Store at temperatures between 5°C and 35°C.
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

None of the ingredients are listed.

#### 8.2. Exposure controls

### Protective equipment







Appropriate engineering controls	Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Wear eye protection.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Wear appropriate clothing to prevent skin contamination.
Hygiene measures	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. Promptly remove any clothing that becomes wet or contaminated.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
Environmental exposure controls	Keep container tightly sealed when not in use.

## SECTION 9: Physical and Chemical Properties

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

Appearance	Viscous liquid.
Colour	White.
Odour	Characteristic.
9.2. Other information	

Other information	None.	
SECTION 10: Stability and reactivity		
10.1. Reactivity		
Reactivity	No test data specifically related to reactivity available for this product or its ingredients.	
10.2. Chemical stability		
Stability	Stable at normal ambient temperatures and when used as recommended.	
10.3. Possibility of hazardous reactions		
Possibility of hazardous reactions	None known.	
10.4. Conditions to avoid		
Conditions to avoid	Avoid the following conditions: Freezing. Avoid heat.	
10.5. Incompatible materials		
Materials to avoid	None known.	
10.6. Hazardous decomposition products		
Hazardous decomposition products	None known.	
SECTION 11: Toxicological in	formation	
11.1. Information on toxicological effects		
Inhalation	Spray/mists may cause respiratory tract irritation.	
Ingestion	May cause stomach pain or vomiting. Diarrhoea.	
Skin contact	Prolonged skin contact may cause temporary irritation.	
Eye contact	May cause irritation.	
SECTION 12: Ecological Infor	mation	
12.1. Toxicity		
Toxicity	Not Classified for Environmental	
Toxicity 12.2. Persistence and degradation		
-	ability	
12.2. Persistence and degrad	<b>ability</b> No data available.	
12.2. Persistence and degrad Persistence and degradability	<b>ability</b> No data available.	
<ul><li>12.2. Persistence and degrad</li><li>Persistence and degradability</li><li>12.3. Bioaccumulative potentia</li></ul>	<b>ability</b> No data available. <b>al</b>	
12.2. Persistence and degrada Persistence and degradability 12.3. Bioaccumulative potentia Bioaccumulative potential	<b>ability</b> No data available. <b>al</b>	
<ul> <li>12.2. Persistence and degrada</li> <li>Persistence and degradability</li> <li>12.3. Bioaccumulative potential</li> <li>Bioaccumulative potential</li> <li>12.4. Mobility in soil</li> </ul>	ability         No data available.       Image: Comparison of the second sec	
12.2. Persistence and degrada Persistence and degradability 12.3. Bioaccumulative potential Bioaccumulative potential 12.4. Mobility in soil Mobility	ability         No data available.       Image: Comparison of the second sec	
12.2. Persistence and degrada Persistence and degradability 12.3. Bioaccumulative potential Bioaccumulative potential 12.4. Mobility in soil Mobility 12.5. Results of PBT and vPv Results of PBT and vPvB	ability         No data available.       al         No data available on bioaccumulation.         No data available.         B assessment	

# RonaFix Pre-packed Wearing Screed 25mm+ - Gauging Liquid

SECTION 13: Disposal consid	lerations	
13.1. Waste treatment methods		
Disposal methods	Dispose of waste product or used containers in accordance with local regulations	
SECTION 14: Transport inform	nation	
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 nam	e	
Not applicable.		
14.3. Transport hazard class(e	es)	
No transport warning sign required.		
14.4. Packing group		
Not applicable.		
14.5. Environmental hazards		
Environmentally hazardous su	ibstance/marine pollutant	
No.		
14.6. Special precautions for user		
Not applicable.		
14.7. Transport in bulk accord	ing to Annex II of MARPOL73/78 and the IBC Code	
Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code		
SECTION 15: Regulatory infor	rmation	
15.1. Safety, health and enviro	onmental regulations/legislation specific for the substance or mixture	
EU legislation	<ul> <li>Dangerous Preparations Directive 1999/45/EC.</li> <li>Dangerous Substances Directive 67/548/EEC.</li> <li>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16</li> <li>December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</li> <li>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18</li> <li>December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</li> </ul>	
Guidance	EH40/2005 Workplace exposure limits. Supplier product information and safety data sheets. www.echa.europa.eu www.hse.gov.uk	

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Issued by	sds@ronacrete.co.uk
Revision date	09/06/2015
Revision	1
SDS number	4734
Hazard statements in full	EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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.