

# SAFETY DATA SHEET RonaBond Concrete Cover 150 - Powder

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

1.1. Product identifier

Product name RonaBond Concrete Cover 150 - Powder

Product number PC047

## 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.

## 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

National emergency telephone UK Consumers NHS 111. Medical professionals - www.toxbase.org

number

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Classification

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

Classification (67/548/EEC or Xi; R41, R37/38. R43

1999/45/EC)

## 2.2. Label elements

## RonaBond Concrete Cover 150 - Powder

#### **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** P261 Avoid breathing vapour/spray.

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. P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. P312 Call a POISON CENTER/doctor if you feel unwell.

P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information

EUH203 Contains chromium (VI). May produce an allergic reaction.

**Contains** Cement

#### 2.3. Other hazards

## Precautionary Information:

The product does give potential for generation of respirable dust during handling and use. 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

Cement 30-60%

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

## RonaBond Concrete Cover 150 - Powder

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 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 immediate medical attention and special treatment needed

## RonaBond Concrete Cover 150 - Powder

#### **SECTION 5: Firefighting measures**

#### 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 from 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 measures

## 6.1. Personal precautions, protective 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 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 sections

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

## SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid handling which leads to dust formation. For personal protection, see Section 8.

## 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.

beyond the declared shell life may increase the risk of all allergic rea

\*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

#### Cement

Long-term exposure limit (8-hour TWA): WEL 3 mg/m³ dust

## quartz (respirable silica)

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

## RonaBond Concrete Cover 150 - Powder

#### Tin sulphate

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³ as Sn Short-term exposure limit (15-minute): WEL 4 mg/m³ 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 Slight.

Solubility(ies) Slightly soluble in water.

9.2. Other information

Other information None.

## 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 reactions

Possibility of hazardous

None known.

reactions

10.4. Conditions to avoid

**Conditions to avoid** Protect from moisture.

## RonaBond Concrete Cover 150 - Powder

## 10.5. Incompatible materials

Materials to avoid None known.

## 10.6. Hazardous decomposition products

Hazardous decomposition

None known.

products

#### SECTION 11: Toxicological information

## 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 Information

## 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

assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Disposal methods Mix product with water, allow to harden, then dispose of according to local or national

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).

## RonaBond Concrete Cover 150 - Powder

## 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 sds@ronacrete.co.uk

Revision date 09/05/2015

Revision 1

SDS number 4674

Risk phrases in full R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

## RonaBond Concrete Cover 150 - Powder

Hazard statements in full H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H361 Suspected of damaging fertility or the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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 RonaBond Concrete Cover 150 - Gauging Liquid

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

1.1. Product identifier

Product name RonaBond Concrete Cover 150 - Gauging Liquid

Product number RM001

## 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) [AC4] Stone, plaster, cement, glass and

ceramic articles.

## 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

National emergency telephone UK Consumers NHS 111. Medical professionals - www.toxbase.org

number

## SECTION 2: Hazards identification

## 2.1. Classification of the substance 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** P102 Keep out of reach of children.

P234 Keep only in original container.

P264 Wash hands thoroughly after handling.

P404 Store in a closed container.

P501 Dispose of contents/container in accordance with local regulations.

P280 Wear protective gloves.

# RonaBond Concrete Cover 150 - Gauging Liquid

#### 2.3. Other hazards

None known.

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Composition comments** None of the ingredients are required to be listed.

#### **SECTION 4: First aid measures**

#### 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

## 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 from the substance or mixture

Specific hazards Not known.

5.3. Advice for firefighters

Protective actions during

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

firefighting

Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

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

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

## 6.2. Environmental precautions

**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

# RonaBond Concrete Cover 150 - Gauging Liquid

**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 Liquid.

Colour White.

Odour Ester

Juoui Estei.

**pH** pH (concentrated solution): 9 - 11

# RonaBond Concrete Cover 150 - Gauging Liquid

Vapour pressure 25 hPa @ 20°C

Viscosity 30 -150 mPa s @ 20°C

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

None known.

reactions

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

None known.

products

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

**Inhalation** Spray/mists may cause respiratory tract irritation.

**Ingestion** May cause stomach pain or vomiting. Diarrhoea.

Skin contact May cause skin sensitisation or allergic reactions in sensitive individuals. In the event of any

sensitisation symptoms developing, ensure further exposure is avoided.

**Eye contact** May cause irritation.

## SECTION 12: Ecological Information

12.1. Toxicity

**Toxicity** Not Classified for Environmental

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

**Mobility** No data available.

## 12.5. Results of PBT and vPvB assessment

# RonaBond Concrete Cover 150 - Gauging Liquid

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**Disposal methods** 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** EH40/2005 Workplace exposure limits.

Supplier product information and safety data sheets.

www.echa.europa.eu www.hse.gov.uk

# RonaBond Concrete Cover 150 - Gauging Liquid

## 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 17/03/2015

Revision 1

SDS number 4675

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.