



# Ronacrete

## SAFETY DATA SHEET

### RonaDeck Wet Pour Rubber Granule Surfacing - Part A

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

##### 1.1. Product identifier

**Product name** RonaDeck Wet Pour Rubber Granule Surfacing - Part A

**Product number** PC533

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

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

##### 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 number** UK Consumers NHS 111. Medical professionals - www.toxbase.org

#### SECTION 2: Hazards identification

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

###### Classification

**Physical hazards** Not Classified

**Health hazards** Eye Dam. 1 - H318

**Environmental hazards** Aquatic Chronic 3 - H412

##### 2.2. Label elements

###### Pictogram



**Signal word** Danger

## RonaDeck Wet Pour Rubber Granule Surfacing - Part A

|                                 |  |
|---------------------------------|--|
| <b>Hazard statements</b>        | H318 Causes serious eye damage.<br>H412 Harmful to aquatic life with long lasting effects.   |
| <b>Precautionary statements</b> | P273 Avoid release to the environment.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTER/doctor.<br>P501 Dispose of contents/container in accordance with national regulations. |
| <b>Contains</b>                 | 2-phenoxypropanol  |

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|  |                      |  |               |
|--|----------------------|--|---------------|
| <b>1-phenoxy propan-2-ol</b>   |                      |  | <b>10-30%</b> |
| CAS number: 770-35-4   | EC number: 212-222-7 |  |               |
| <b>Classification</b><br>Eye Irrit. 2 - H319   |                      |  |               |
| <b>n-butyl-2-(1-ethylpentyl)-1,3-oxazolidine</b>                                     |                      |  | <b>1-5%</b>   |
| CAS number: 165101-57-5  | EC number: 425-660-0 | REACH registration number: 01-0000017206-75-XXXX |               |
| <b>Classification</b><br>Aquatic Chronic 2 - H411                                    |                      |  |               |
| <b>2-phenoxypropanol</b>   |                      |  | <b>1-5%</b>   |
| CAS number: 4169-04-4  |                      |  |               |
| <b>Classification</b><br>Eye Dam. 1 - H318   |                      |  |               |
| <b>2-methoxy-1-methylethyl acetate</b>   |                      |  | <b>&lt;1%</b> |
| CAS number: 108-65-6   | EC number: 203-603-9 |  |               |
| <b>Classification</b><br>Flam. Liq. 3 - H226   |                      |  |               |
| <b>n-butyl acetate</b>   |                      |  | <b>&lt;1%</b> |
| CAS number: 123-86-4   | EC number: 204-658-1 |  |               |
| <b>Classification</b><br>Flam. Liq. 3 - H226<br>STOT SE 3 - H336<br>STOT SE 3 - H336 |                      |  |               |

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

## RonaDeck Wet Pour Rubber Granule Surfacing - Part A

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.  |
| <b>Ingestion</b>    | Do not induce vomiting. Get medical attention. Show this Safety Data Sheet to the medical personnel.   |
| <b>Skin contact</b> | Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.   |
| <b>Eye contact</b>  | 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. |

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

|                     |   |
|---------------------|---|
| <b>Ingestion</b>    | May cause stomach pain or vomiting.   |
| <b>Skin contact</b> | May cause irritation.   |
| <b>Eye contact</b>  | Causes serious eye damage. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. |

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                       |  |
|---------------------------------------|--|
| <b>Suitable extinguishing media</b>   | Extinguish with foam, carbon dioxide or dry powder.                    |
| <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>Hazardous combustion products</b> | Toxic gases or vapours. |
|--------------------------------------|-------------------------|

#### 5.3. Advice for firefighters

|  |   |
|--|---|
| <b>Protective actions during firefighting</b>        | No action shall be taken without appropriate training or involving any personal risk.                 |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

### SECTION 6: Accidental release measures

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

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Avoid contact with skin, eyes and clothing. |
|-----------------------------|---|

#### 6.2. Environmental precautions

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | Dangerous for the environment if discharged into watercourses. Do not discharge into drains or watercourses or onto the ground. |
|----------------------------------|---|

#### 6.3. Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for cleaning up</b> | Absorb spillage with non-combustible, absorbent material. Place waste in labelled, sealed containers. |
|--------------------------------|---|

#### 6.4. Reference to other sections

## RonaDeck Wet Pour Rubber Granule Surfacing - Part A

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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

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

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### 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

##### 2-methoxy-1-methylethyl acetate

Long-term exposure limit (8-hour TWA): WEL 274 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 548 mg/m<sup>3</sup>

##### n-butyl acetate

Long-term exposure limit (8-hour TWA): WEL 724 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 966 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients.

##### 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 appropriate clothing to prevent any possibility of skin contact.

##### Hygiene measures

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Take off contaminated clothing and wash it before reuse.

##### 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. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

### SECTION 9: Physical and Chemical Properties

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

**Appearance** Liquid.

**Colour** Yellow.

**Odour** Mild.

## RonaDeck Wet Pour Rubber Granule Surfacing - Part A

**Initial boiling point and range** 260 - 300°C @ 1.33 hPa

**Relative density** 0.9 - 1.0 @ 20°C

### 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 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 heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** May cause irritation.

**Ingestion** May cause stomach pain or vomiting. Get medical attention if a large quantity has been ingested.

**Skin contact** Repeated exposure may cause skin dryness or cracking.

**Eye contact** Risk of serious damage to eyes. Dust or splashes from the mixture may cause permanent eye damage.

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Immiscible with water.

### 12.4. Mobility in soil

**Mobility** Not known.

### 12.5. Results of PBT and vPvB assessment

## RonaDeck Wet Pour Rubber Granule Surfacing - Part A

**Results of PBT and vPvB assessment** No data available.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** For quantities up to 5 kg of Part A, mix with an equal amount of Part B. Heat will evolve from this mixture, so pour onto aggregate to increase surface area and allow to harden. Do not leave the mixture in the container for longer than 5 minutes. Where there is an excess of Part A or Part B that cannot be reacted off, this must be disposed of by a licensed waste disposal company in accordance with national guidelines. All containers must be properly labelled and a Safety data sheet provided for the waste disposal company.

## 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

## RonaDeck Wet Pour Rubber Granule Surfacing - Part A

|                       |   |
|-----------------------|---|
| <b>EU legislation</b> | <p>Dangerous Preparations Directive 1999/45/EC.<br/>         Dangerous Substances Directive 67/548/EEC.<br/>         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).<br/>         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).</p> |
| <b>Guidance</b>       | <p><a href="http://www.echa.europa.eu">www.echa.europa.eu</a><br/> <a href="http://www.hse.gov.uk">www.hse.gov.uk</a><br/>         Workplace Exposure Limits EH40.<br/>         Supplier product information and safety data sheets.</p>  |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |   |
|----------------------------------|---|
| <b>Issued by</b>                 | sds@ronacrete.co.uk   |
| <b>Revision date</b>             | 26/01/2016  |
| <b>Revision</b>                  | 1   |
| <b>SDS number</b>                | 4842  |
| <b>Hazard statements in full</b> | <p>H318 Causes serious eye damage.<br/>         H319 Causes serious eye irritation.<br/>         H411 Toxic to aquatic life with long lasting effects.<br/>         H412 Harmful to aquatic life with long lasting effects.</p> |

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

### RonaDeck Wet Pour Rubber Granule Surfacing - Part B

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

##### 1.1. Product identifier

**Product name** RonaDeck Wet Pour Rubber Granule Surfacing - Part B

**Product number** PC521

##### 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) [ERC5] Industrial use resulting in inclusion into or onto a matrix [AC4] Stone, plaster, cement, glass and ceramic articles. [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) Adhesive. Sealer.

##### 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 number** UK Consumers NHS 111. Medical professionals - www.toxbase.org

#### SECTION 2: Hazards identification

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

###### Classification

**Physical hazards** Not Classified

**Health hazards** Acute Tox. 4 - H332 Elicitation - EUH208 Skin Sens. 1 - H317 STOT SE 3 - H335 STOT SE 3 - H335

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xn; R20. Xi; R37. R43

##### 2.2. Label elements



## RonaDeck Wet Pour Rubber Granule Surfacing - Part B

### Pictogram



### Signal word

Warning

### Hazard statements

H317 May cause an allergic skin reaction.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.

### Precautionary statements

P261 Avoid breathing vapour/spray.  
 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.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P321 Specific treatment (see medical advice on this label).  
 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.

### Contains

Hexamethylene diisocyanate oligomers, Isocyanurate, hexamethylene-di-isocyanate

### 2.3. Other hazards

Reacts with water.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|   |                |
|---|----------------|
| <b>Hexamethylene diisocyanate oligomers, Isocyanurate</b> | <b>60-100%</b> |
|---|----------------|

CAS number: 28182-81-2

REACH registration number: 01-2119485796-17-XXXX

#### Classification

Acute Tox. 4 - H332

Skin Sens. 1 - H317

STOT SE 3 - H335

STOT SE 3 - H335

## RonaDeck Wet Pour Rubber Granule Surfacing - Part B

|  |                      |
|--|----------------------|
| <b>hexamethylene-di-isocyanate</b>   | <b>&lt;1%</b>        |
| CAS number: 822-06-0   | EC number: 212-485-8 |
| <b>Classification</b><br>Acute Tox. 3 - H331<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Resp. Sens. 1 - H334<br>Skin Sens. 1 - H317<br>STOT SE 3 - H335<br>STOT SE 3 - H335 |                      |

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

|                                   |  |
|-----------------------------------|--|
| <b>Inhalation</b>                 | Remove person to fresh air and keep comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention immediately.  |
| <b>Ingestion</b>                  | Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention. Show this Safety Data Sheet to the medical personnel.  |
| <b>Skin contact</b>               | Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.   |
| <b>Eye contact</b>                | 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 symptoms are severe or persist after washing. |
| <b>Protection of first aiders</b> | Care should be taken to avoid contact with contaminants when removing contaminated clothing. Wear suitable gloves.   |

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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | A single exposure may cause the following adverse effects: General respiratory distress, unproductive cough. May cause respiratory system irritation. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.  |
| <b>Skin contact</b> | May cause sensitisation by skin contact.  |
| <b>Eye contact</b>  | Symptoms following overexposure may include the following: Pain or irritation. Prolonged contact may cause redness and/or tearing.                    |

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | Extinguish with foam, carbon dioxide or dry powder. |
| <b>Unsuitable extinguishing media</b> | Water.  |

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

|                         |                         |
|-------------------------|-------------------------|
| <b>Specific hazards</b> | Toxic gases or vapours. |
|-------------------------|-------------------------|

#### 5.3. Advice for firefighters

## RonaDeck Wet Pour Rubber Granule Surfacing - Part B

**Protective actions during firefighting** Evacuate area. Do not allow water to contact any leaked material.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Control run-off water by containing and keeping it out of sewers and watercourses.

#### 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** For personal protection, see Section 8. Read label before use. Do not allow contact with water. Avoid inhalation of vapours. Avoid contact with skin, eyes and clothing.

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

**Storage precautions** Store in a demarcated bunded area to prevent release to drains and/or watercourses. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10).

#### 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

##### Hexamethylene diisocyanate oligomers, Isocyanurate

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m<sup>3</sup> as -NCO

Short-term exposure limit (15-minute): WEL 0.07 mg/m<sup>3</sup> as -NCO

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

##### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

## RonaDeck Wet Pour Rubber Granule Surfacing - Part B

|  |  |
|--|--|
| <b>Hand protection</b>                 | Wear protective gloves made of the following material: Rubber (natural, latex).  |
| <b>Other skin and body protection</b>  | Wear appropriate clothing to prevent any possibility of skin contact.  |
| <b>Hygiene measures</b>                | Provide eyewash station. 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. |
| <b>Respiratory protection</b>          | Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator.                        |
| <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>                      | Colourless to pale yellow liquid. |
| <b>Odour</b>                           | No characteristic odour.          |
| <b>Melting point</b>                   | < -20°C                           |
| <b>Initial boiling point and range</b> | >220°C @ 1.33 hPa                 |
| <b>Flash point</b>                     | 137°C                             |
| <b>Relative density</b>                | 1.16 @ 25°C                       |
| <b>Viscosity</b>                       | 2400 mPa s @ 25°C                 |

#### 9.2. Other information

|                          |       |
|--------------------------|-------|
| <b>Other information</b> | None. |
|--------------------------|-------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | Reacts with water. Alcohols. Alkalis. Amines. |
|-------------------|---|

#### 10.2. Chemical stability

|                  |   |
|------------------|---|
| <b>Stability</b> | Stable under the prescribed storage conditions. |
|------------------|---|

#### 10.3. Possibility of hazardous reactions

|   |  |
|---|--|
| <b>Possibility of hazardous reactions</b> | Contact with water liberates toxic gas. Carbon dioxide (CO <sub>2</sub> ). |
|---|--|

#### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | Contact with water liberates carbon dioxide causing an increase of pressure inside containers. This may result in containers exploding. |
|----------------------------|---|

#### 10.5. Incompatible materials

|                           |                                  |
|---------------------------|----------------------------------|
| <b>Materials to avoid</b> | Never add water to this product. |
|---------------------------|----------------------------------|

#### 10.6. Hazardous decomposition products

|   |  |
|---|--|
| <b>Hazardous decomposition products</b> | Carbon dioxide (CO <sub>2</sub> ). Toxic gases or vapours. |
|---|--|

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

## RonaDeck Wet Pour Rubber Granule Surfacing - Part B

### Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 1,507.53768844

ATE inhalation (dusts/mists mg/l) 1.50314157

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Harmful by inhalation. A single exposure may cause the following adverse effects: General respiratory distress, unproductive cough. Upper respiratory irritation. |
| <b>Ingestion</b>    | The product is considered to be a low hazard under normal conditions of use. Get medical attention if a large quantity has been ingested.                         |
| <b>Skin contact</b> | The product contains a sensitising substance. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.                          |
| <b>Eye contact</b>  | May cause eye irritation.   |

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** The product components are not classified as environmentally hazardous.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

**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.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** For quantities up to 5 kg of Part A, mix with an equal amount of Part B. Heat will evolve from this mixture, so pour onto aggregate to increase surface area and allow to harden. Do not leave the mixture in the container for longer than 5 minutes. Where there is an excess of Part A or Part B that cannot be reacted off, this must be disposed of by a licensed waste disposal company in accordance with national guidelines. All containers must be properly labelled and a Safety data sheet provided for the waste disposal company.

## 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

## RonaDeck Wet Pour Rubber Granule Surfacing - Part B

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](http://www.echa.europa.eu)  
[www.hse.gov.uk](http://www.hse.gov.uk)  
Supplier product information and safety data sheets.  
Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

|                      |                     |
|----------------------|---------------------|
| <b>Issued by</b>     | sds@ronacrete.co.uk |
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| <b>Revision</b>      | 1                   |
| <b>SDS number</b>    | 4841                |

## RonaDeck Wet Pour Rubber Granule Surfacing - Part B

**Risk phrases in full**

R20 Harmful by inhalation.  
R23 Toxic by inhalation.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R37 Irritating to respiratory system.  
R42/43 May cause sensitisation by inhalation and skin contact.  
R43 May cause sensitisation by skin contact.

**Hazard statements in full**

EUH208 Contains hexamethylene-di-isocyanate. May produce an allergic reaction.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

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.