



**Ronacrete**  
WORLD CLASS MANUFACTURER

## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product Name **RonaFloor A/S Aggregate**  
CAS No. Not applicable.  
EC No. Not applicable.  
REACH Registration No. Not known.

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

Identified Use(s) Paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special concrete, silicon, resin flooring systems, etc  
Uses Advised Against Not known.

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

Manufacturer  
Company Identification **Ronacrete Ltd**  
Address of Manufacturer **Ronac House**  
**Flex Meadow**  
**Harlow**  
**Essex**  
**England**  
Postal code **CM19 5TD**  
Telephone: **01279 638 700**  
Fax **01279 638 701**  
E-mail **technical@ronacrete.co.uk**

E-mail

Office hours

#### 1.4 Emergency telephone number

Emergency Phone No. Not known.  
Contact No information available.

### 2. SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

#### 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

RONAFLOOR A/S AGGREGATE SAFETY DATA SHEET		
ISSUE 4	11 OCT 2016	PAGE 1 OF 8



**Ronacrete**  
WORLD CLASS MANUFACTURER

## SAFETY DATA SHEET

Product Name **RonaFloor A/S Aggregate**  
Hazard Pictogram(s)  
Signal Word(s) None.  
Hazard Statement(s) None.  
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity  
Precautionary Statement(s) None.  
**2.3 Other hazards** None known.  
**2.4 Additional Information** None.

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Quartz (SiO <sub>2</sub> )	14808-60-7	238-878-4	>98%	Not classified.	None
Impurities :					
Respirable crystalline silica (quartz)			<1%	Not classified.	None

### 4. SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if you feel unwell.  
Skin Contact Wash skin with water and soap.  
Eye Contact Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.  
Ingestion Wash out mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

### 5. SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.  
Unsuitable extinguishing media None.

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

None anticipated.

#### 5.3 Advice for firefighters

As appropriate for surrounding fire.

RONAFLOOR A/S AGGREGATE SAFETY DATA SHEET		
ISSUE 4	11 OCT 2016	PAGE 2 OF 8



## SAFETY DATA SHEET

### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid airborne dust generation. Wear personal protective equipment in compliance with national legislation

#### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

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

Sweep spilled substances into containers if appropriate moisten first to prevent dusting. Wear personal protective equipment in compliance with national legislation.

#### 6.4 Reference to other sections

See Also Section 8, 13.

### 7. SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in Section 16.

Do not eat, drink or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

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

Storage temperature                      Ambient.  
Storage life                                      Stable under normal conditions.  
Incompatible materials                      None known.

#### 7.3 Specific end use(s)

Not known.

### 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

8.1.1 Occupational Exposure  
Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Silica, respirable crystalline	14808-60-7		0.1			



**Ronacrete**  
WORLD CLASS MANUFACTURER

## SAFETY DATA SHEET

Region                      Source  
Europe                     EU Occupational Exposure Limits  
United Kingdom        Workplace Exposure Limits (WEL)

Remark                    Notes

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls        Ensure adequate ventilation.

8.2.2. Personal protection equipment

Wear eye protection with side protection (EN166).



Eye Protection

Not normally required.



Skin protection

In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment that complies with the requirements of European or national legislation.



Respiratory protection

None known.



Thermal hazards

8.2.3. Environmental Exposure Controls        Do not release large quantities into the surface water or into drains.  
Avoid wind dispersal.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Solid.
Colour	Grey.
Odour	Odourless
Odour threshold	Not known.
pH	pH (400g/l water at 20°C) 5 – 8.
Melting point/freezing point	1710°C
Initial boiling point and boiling range	Not applicable.
Flash Point	Not applicable.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.

RONAFLOOR A/S AGGREGATE SAFETY DATA SHEET		
ISSUE 4	11 OCT 2016	PAGE 4 OF 8



## SAFETY DATA SHEET

Density (g/ml)	Not known.
Relative density	2.65g/cm <sup>3</sup>
Solubility(ies)	Solubility (Water) : None Solubility (Other) : Hydrofluoric acid
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

### 9.2 Other information

None.

## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

None anticipated.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Low acute toxicity
Acute toxicity - Skin Contact	Low acute toxicity
Acute toxicity - Inhalation	Low acute toxicity
Skin corrosion/irritation	Non-irritant
Serious eye damage/irritation	Non-irritant
Skin sensitization data	Not classified
Respiratory sensitization data	Not classified
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified
Lactation	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified

### 11.2 Other information

Not known.

## 12. SECTION 12: ECOLOGICAL INFORMATION

RONAFLOOR A/S AGGREGATE SAFETY DATA SHEET		
ISSUE 4	11 OCT 2016	PAGE 5 OF 8



**Ronacrete**  
WORLD CLASS MANUFACTURER

## SAFETY DATA SHEET

### 12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2 Persistence and Degradation

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Other adverse effects

Not known.

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

No special precautions are required for this product.

### 13.2 Additional Information

No special precautions are required for this product.

## 14. SECTION 14: TRANSPORT INFORMATION

**Not classified as hazardous for transport.**

## 15. SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for

Authorisation

REACH: ANNEX XIV list of substances subject to authorisation

Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not listed

Community Rolling Action Plan (CoRAP)

Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants

Not listed

RONAFLOOR A/S AGGREGATE SAFETY DATA SHEET		
ISSUE 4	11 OCT 2016	PAGE 6 OF 8



**Ronacrete**  
WORLD CLASS MANUFACTURER

## SAFETY DATA SHEET

Regulation (EC) N° 2037/2000 Not listed  
on substances that deplete the  
ozone layer

Regulation (EU) N° 649/2012 of Not listed  
the European Parliament and of  
the Council concerning the export  
and import of hazardous  
chemicals

### National regulations

Other Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)

Hazard Pictogram(s)

Hazard Statement(s) None.

Precautionary Statement(s) None.  
Acronyms

CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of  
substances and mixtures  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
LTEL : Long Term Exposure Limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short Term Exposure Limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

Disclaimers

Information contained in this publication or as otherwise supplied to Users is  
believed to be accurate and is given in good faith, but it is for the Users to satisfy  
themselves of the suitability of the product for their own particular purpose.  
Ronacrete Ltd gives no warranty as to the fitness of the product for any particular  
purpose and any implied warranty or condition (statutory or otherwise) is excluded  
except to the extent that exclusion is prevented by law. Ronacrete Ltd accepts no  
liability for loss or damage (other than that arising from death or personal injury  
caused by defective product, if proved), resulting from reliance on this information.  
Freedom under Patents, Copyright and Designs cannot be assumed.

RONAFLOOR A/S AGGREGATE SAFETY DATA SHEET		
ISSUE 4	11 OCT 2016	PAGE 7 OF 8