

Revision Date 09/07/2010

Revision 3

**INSTARMAC****SAFETY DATA SHEET  
ULTRACRETE QC6****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name ULTRACRETE QC6

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

**1.4. Emergency telephone number**

+44 (0)7971 217 347

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Classification (1999/45/EEC) Xi;R37, R41. R43.

**2.2. Label elements**

Contains PORTLAND CEMENT

Labelling



Irritant

Risk Phrases

R37 Irritating to respiratory system.  
 R41 Risk of serious damage to eyes.  
 R43 May cause sensitisation by skin contact.

Safety Phrases

S24/25 Avoid contact with skin and eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37/39 Wear suitable gloves and eye/face protection.  
 S46 If swallowed, seek medical advice immediately and show this container or label.  
 S51 Use only in well-ventilated areas.  
 S64 If swallowed, rinse mouth with water (only if the person is conscious).

**2.3. Other hazards****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

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|   |   |        |
|---|---|--------|
| CALCIUM CARBONATE GRANULES  |   | 30-60% |
| <b>CAS-No.:</b>   | <b>EC No.:</b>  |        |
| Classification (EC 1272/2008)<br>Not classified.  | Classification (67/548/EEC)<br>Not classified.        |        |
| CALCIUM CARBONATE GRANULES  |   | 1-10%  |
| <b>CAS-No.:</b>   | <b>EC No.:</b>  |        |
| Classification (EC 1272/2008)<br>Not classified.  | Classification (67/548/EEC)<br>Not classified.        |        |
| CALCIUM SULFOALUMINATE  |   | 1-10%  |
| <b>CAS-No.: 12004-14-7</b>  | <b>EC No.:</b>  |        |
| Classification (EC 1272/2008)<br>Not classified.  | Classification (67/548/EEC)<br>Xi;R41.                |        |
| HIGH ALUMINA CEMENT   |   | 1-10%  |
| <b>CAS-No.:</b>   | <b>EC No.:</b>  |        |
| Classification (EC 1272/2008)<br>Not classified.  | Classification (67/548/EEC)<br>Xi;R41,R36/37.         |        |
| NAPHTHALENE SULFONATE   |   | < 1 %  |
| <b>CAS-No.:</b>   | <b>EC No.:</b>  |        |
| Classification (EC 1272/2008)<br>Not classified.  | Classification (67/548/EEC)<br>Not classified.        |        |
| PORTLAND CEMENT   |   | 10-30% |
| <b>CAS-No.: 65997-15-1</b>  | <b>EC No.:</b>  |        |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Skin Sens. 1 - H317<br>STOT SE 3 - H335 | Classification (67/548/EEC)<br>Xi;R37/38,R41.<br>R43. |        |

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|  |  |
|--|--|
| SILICA SAND                                      | 30-60%   |
| CAS-No.: 14808-60-7                              | EC No.: 238-878-4                              |
| Classification (EC 1272/2008)<br>Not classified. | Classification (67/548/EEC)<br>Not classified. |

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**

##### **General information**

Risk of serious damage to eyes.

##### **Inhalation**

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

##### **Ingestion**

Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

##### **Skin contact**

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

##### **Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

### SECTION 5: FIREFIGHTING MEASURES

#### **5.1. Extinguishing media**

##### **Extinguishing media**

Water. Foam.

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

##### **Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

#### **5.3. Advice for firefighters**

##### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

#### **6.2. Environmental precautions**

Do not allow to enter drains, sewers or watercourses.

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

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust.

#### **6.4. Reference to other sections**

### SECTION 7: HANDLING AND STORAGE

## ULTRACRETE QC6

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

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

Store in closed original container at temperatures between 5°C and 30°C. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 6 months of the date 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% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement.

Shelf life in correct for sealed bags is 6 months. Please note: the use of this product after the end of the declared storage period may increase the risk of an allergic reaction.

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

| Name                       | STD | TWA - 8 Hrs |                       | STEL - 15 Min |  | Notes |
|----------------------------|-----|-------------|-----------------------|---------------|--|-------|
| CALCIUM CARBONATE GRANULES | WEL |             | 4 mg/m <sup>3</sup>   |               |  |       |
| CALCIUM CARBONATE GRANULES |     |             | 4 mg/m <sup>3</sup>   |               |  |       |
| HIGH ALUMINA CEMENT        |     |             | 10 mg/m <sup>3</sup>  |               |  |       |
| NAPHTHALENE SULFONATE      |     |             | 4 mg/m <sup>3</sup>   |               |  |       |
| PORTLAND CEMENT            | WEL |             | 10 mg/m <sup>3</sup>  |               |  |       |
| SILICA SAND                | WEL |             | 0.3 mg/m <sup>3</sup> |               |  |       |

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Process conditions

Provide eyewash station.

#### Engineering measures

Provide sufficient ventilation for operations causing dust formation.

#### Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Dust mask/respirator.

#### Hand protection

Use suitable protective gloves if risk of skin contact.

#### Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

#### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                  |                |
|------------------|----------------|
| Appearance       | Powder, dust   |
| Relative density | 1.6-2.0 @ 20°C |

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### 9.2. Other information

#### SECTION 10: STABILITY AND REACTIVITY

##### 10.1. Reactivity

##### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

##### 10.3. Possibility of hazardous reactions

##### 10.4. Conditions to avoid

##### 10.5. Incompatible materials

###### **Materials To Avoid**

Strong acids. Strong alkalis.

##### 10.6. Hazardous decomposition products

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### 11.1. Information on toxicological effects

###### **Inhalation**

May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

###### **Ingestion**

May cause discomfort if swallowed.

###### **Skin contact**

Prolonged contact with wet cement/mixture may cause burns.

###### **Eye contact**

Risk of serious damage to eyes.

#### SECTION 12: ECOLOGICAL INFORMATION

###### **Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

##### 12.1. Toxicity

##### 12.2. Persistence and degradability

##### 12.3. Bioaccumulative potential

##### 12.4. Mobility in soil

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

##### 12.6. Other adverse effects

#### SECTION 13: DISPOSAL CONSIDERATIONS

###### **General information**

Dispose of waste and residues in accordance with local authority requirements.

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### 13.1. Waste treatment methods

#### SECTION 14: TRANSPORT INFORMATION

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

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

#### SECTION 15: REGULATORY INFORMATION

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

##### **Uk Regulatory References**

Chemicals (Hazard Information & Packaging) Regulations.

##### **Environmental Listing**

Control of Pollution Act 1974.

##### **Approved Code Of Practice**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

##### **Guidance Notes**

Workplace Exposure Limits EH40.

##### **EU Legislation**

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

##### **National Regulations**

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

#### 15.2. Chemical Safety Assessment

#### SECTION 16: OTHER INFORMATION

##### **General information**

If further information on training is required contact Instarmac Group plc

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**Revision** 3

##### **Risk Phrases In Full**

|        |  |
|--------|--|
| R36/37 | Irritating to eyes and respiratory system. |
| R37/38 | Irritating to respiratory system and skin. |
| R37    | Irritating to respiratory system.          |
| R43    | May cause sensitisation by skin contact.   |
| NC     | Not classified.                            |
| R41    | Risk of serious damage to eyes.            |

**ULTRACRETE QC6****Hazard Statements In Full**

|      |                                      |
|------|--------------------------------------|
| H318 | Causes serious eye damage.           |
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H335 | May cause respiratory irritation.    |

**Disclaimer**

The purpose of the above information is to describe the products only in terms of health and safety requirements. 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. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date specified.

All goods are supplied in accordance with Instarmac Group plc's general conditions of sale, copies of which may be obtained by telephoning sales on 01827 872244