

ID#:	3773253	Assessment Owner:	N/A
Fax:		Phone:	
Email:		Date Created:	11/04/2019 14:34:00
Date Assessment Reviewed	04/01/2021	Next Review Date:	04/01/2022 16:58:00
Material Code:	182392	Tradename:	ULTRACRETE M60
		Supplier	INSTARMAC GROUP PLC
Supplier Phone:	01827 872244	IMC:	
Keyword	Cement	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	2-3 25KG BAGS	How many people are directly exposed?:	2-5
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	
Are there any susceptible workers?:	No	Susceptible Categories:	
Other info:		Is this material being used outside of the normal temperature range?:	No
Additional work practices:			
Existing Control measures:			
Exp Limit	Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Limestone 4mg/m3 Resp8hTWA 10mg/m3 Inhal8hTWA WEL, Quartz (SiO2) (non respirable fraction) 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA		
Notes	Contains Portland cement. May produce an allergic reaction. Contains Cement. May produce an allergic reaction.		
Files Uploaded			
File Name			
Activities			
Act No	Method	Area	Exposure
14	Mixing	Outside	Up to 1/2 hour per shift
13	Mixing	Outside	4 to 8 hours per shift
12	Mixing	Confined Space	Up to 1/2 hour per shift
11	Mixing	Confined Space	4 to 8 hours per shift
Work Area			
Work Area Code	Sub Area Code		
TELECOMS			
Safer Substitute Chosen	Reason for leaving/swapping material		

Material/Process

ULTRACRETE M60

HIGH HAZARD

SOLID

Supplier INSTARMAC GROUP PLC

Keyword Cement

Contents

Quartz (SiO2) (non respirable fraction): 30 - 60%, Respirable silica: 5 - &lt; 10%, Portland cement: 10 - 30%, Limestone: 10 - 30%, Cement: 5 - 10%

Signal Word Danger

Exp Limit Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Limestone 4mg/m3 Resp8hTWA 10mg/m3 Inhal8hTWA



Health Hazards

- Causes skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- May cause respiratory irritation
- Prolonged skin contact can cause burns/skin ulceration
- May cause ill health if ingested in quantity

Considerations



Method Mixing Area Outside Exposure Up to 1/2 hour per shift

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK

Control Measures

IMPERVIOUS OVERALLS

HEAVYDUTY IMPERVIOUS

WET CEMENT

BS EN166 GRADE 3

AND

LEV OR

FILTER TYPE P3

WASH AFTER USE

IF SOILED

CLOSE ALL CONTAINERS

SWEEP OR VACUUM

SENSITISER/ACUTE HAZARD

Spillage

- Ventilate area
- Wear heavy duty impervious gloves
- Suitable eye protection must be worn
- Suitable respiratory protection must be worn
- Wear protective overalls & chemical proof footwear
- Scoop or scrape up and place in suitable container
- Do not dry sweep - either suppress dust or clear using hepa vacuum
- Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

First Aid

- Ensure access to eyewash station for emergency use
- Inhalation - remove to fresh air and rest
- After a significant exposure or if feeling unwell call for medical assistance immediately
- Ingestion - do not induce vomiting
- Ingestion - wash out mouth with water
- If feeling unwell consult your doctor immediately
- Eye contact - irrigate using eyewash & get immediate medical attention
- Skin - remove contaminated clothing
- In case of burns immerse affected area in water
- Get prompt medical attention

Fire

- Isolated small scale fire:
- Inert material - sand, earth etc
- Large fire: evacuate area, call fire brigade or follow site procedure
- Wear self-contained breathing apparatus and protective clothing



Activity Comments

Refer to assessment for material to be mixed for any further precautions. Mixing with water prior to application.

Date Printed 21/10/2021



Material/Process  
ULTRACRETE M60

Supplier INSTARMAC GROUP PLC  
Keyword Cement  
Signal Word Danger

HIGH HAZARD  
SOLID



Method	Mixing	Area	Outside	Exposure	Up to 1/2 hour per shift	Activity Comments
HIGH ACUTE RISK - FULL EXPOSURE			HIGH CHRONIC RISK - FULL EXPOSURE			Refer to assessment for material to be mixed for any further precautions. Mixing with water prior to application

Control Measures

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY	MEDIUM CHRONIC RISK
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IMPERVIOUS OVERALLS



HEAVYDUTY IMPERVIOUS



WET CEMENT



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FILTER TYPE P3



WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS



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SENSITISER/ACUTE HAZARD

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Causes serious eye damage  
May cause an allergic skin reaction  
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Prolonged skin contact can cause burns/skin ulceration  
May cause ill health if ingested in quantity

Material/Process

ULTRACRETE M60

HIGH HAZARD

SOLID

SupplierINSTARMAC GROUP PLC

KeywordCement

Contents

Quartz (SiO2) (non respirable fraction): 30 - 60%, Respirable silica: 5 - &lt; 10%, Portland cement: 10 - 30%, Limestone: 10 - 30%, Cement: 5 - 10%

Signal WordDanger

Exp LimitRespirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Limestone 4mg/m3 Resp8hTWA 10mg/m3 Inhal8hTWA



Health Hazards

- Causes skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- May cause respiratory irritation
- Prolonged skin contact can cause burns/skin ulceration
- May cause ill health if ingested in quantity

Considerations



MethodMixing

AreaOutside

Exposure4 to 8 hours per shift

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

Control Measures

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS



HEAVYDUTY IMPERVIOUS



WET CEMENT



BS EN166 GRADE 3



AND



LEV OR



FILTER TYPE P3



WASH AFTER USE



AT END OF SHIFT



CLOSE ALL CONTAINERS



SWEEP OR VACUUM



SENSITISER/ACUTE HAZARD

Spillage

- Ventilate area
- Wear heavy duty impervious gloves
- Suitable eye protection must be worn
- Suitable respiratory protection must be worn
- Wear protective overalls & chemical proof footwear
- Scoop or scrape up and place in suitable container
- Do not dry sweep - either suppress dust or clear using hepa vacuum
- Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

First Aid

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- Ingestion - wash out mouth with water
- If feeling unwell consult your doctor immediately
- Eye contact - irrigate using eyewash & get immediate medical attention
- Skin - remove contaminated clothing
- In case of burns immerse affected area in water
- Get prompt medical attention

Fire

- Isolated small scale fire:
- Inert material - sand, earth etc
- Large fire: evacuate area, call fire brigade or follow site procedure
- Wear self-contained breathing apparatus and protective clothing

Date Printed 21/10/2021



Activity Comments

Refer to assessment for material to be mixed for any further precautions.Mixing with water prior to application.



Material/Process  
ULTRACRETE M60

Supplier INSTARMAC GROUP PLC  
Keyword Cement  
Signal Word Danger

HIGH HAZARD  
SOLID



Method Mixing Area Outside Exposure 4 to 8 hours per shift Activity Comments  
HIGH ACUTE RISK - FULL EXPOSURE HIGH CHRONIC RISK - FULL EXPOSURE Refer to assessment for material to be mixed for any further precautions.Mixing with water prior to application.

Control Measures HIGH ACUTE RISK - INDIVIDUAL ACTIVITY HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS



HEAVYDUTY IMPERVIOUS



WET CEMENT



BS EN166 GRADE 3



AND



LEV OR



FILTER TYPE P3



WASH AFTER USE



AT END OF SHIFT



CLOSE ALL CONTAINERS



SWEEP OR VACUUM



SENSITISER/ACUTE HAZARD

Health Hazards  
Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
May cause respiratory irritation  
Prolonged skin contact can cause burns/skin ulceration  
May cause ill health if ingested in quantity



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Date Printed 21/10/2021



Material/Process

ULTRACRETE M60

HIGH HAZARD

SOLID

Supplier INSTARMAC GROUP PLC

Keyword Cement

Contents

Quartz (SiO2) (non respirable fraction): 30 - 60%, Respirable silica: 5 - &lt; 10%, Portland cement: 10 - 30%, Limestone: 10 - 30%, Cement: 5 - 10%

Signal Word Danger

Exp Limit Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Limestone 4mg/m3 Resp8hTWA 10mg/m3 Inhal8hTWA



Health Hazards

- Causes skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- May cause respiratory irritation
- Prolonged skin contact can cause burns/skin ulceration
- May cause ill health if ingested in quantity

Considerations



Method Mixing Area Confined Space Exposure Up to 1/2 hour per shift

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY

Control Measures



MONITOR O2 LEVEL IMPERVIOUS OVERALLS HEAVYDUTY IMPERVIOUS WET CEMENT BS EN166 GRADE 3



AND LEV AND EN137 OR 14593/14594 WASH AFTER USE IF SOILED CLOSE ALL CONTAINERS



SWEEP OR VACUUM SENSITISER/ACUTE HAZARD

Spillage

- Ventilate area
- Wear heavy duty impervious gloves
- Suitable eye protection must be worn
- Suitable respiratory protection must be worn
- Wear protective overalls & chemical proof footwear
- Scoop or scrape up and place in suitable container
- Do not dry sweep - either suppress dust or clear using hepa vacuum
- Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

First Aid

- Ensure access to eyewash station for emergency use
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- Ingestion - wash out mouth with water
- If feeling unwell consult your doctor immediately
- Eye contact - irrigate using eyewash & get immediate medical attention
- Skin - remove contaminated clothing
- In case of burns immerse affected area in water
- Get prompt medical attention

Fire

- Isolated small scale fire:
- Inert material - sand, earth etc
- Large fire: evacuate area, call fire brigade or follow site procedure
- Wear self-contained breathing apparatus and protective clothing



Activity Comments

Refer to Confined Spaces Regulations 1997 and your specific Confined Spaces Risk Assessment for further requirements. Refer to assessment for material to be mixed for any further precautions.

Date Printed 21/10/2021





Material/Process  
ULTRACRETE M60

Supplier INSTARMAC GROUP PLC  
Keyword Cement  
Signal Word Danger

HIGH HAZARD

SOLID



Method	Mixing	Area	Confined Space	Exposure	Up to 1/2 hour per shift	Activity Comments
HIGH ACUTE RISK - FULL EXPOSURE			HIGH CHRONIC RISK - FULL EXPOSURE			Refer to Confined Spaces Regulations 1997 and your specific Confined Spaces Risk Assessment for further requirements. Refer to assessment for material to be mixed for any further precautions.

Control Measures

HIGH ACUTE RISK - INDIVIDUAL ACTIVITYHIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



MONITOR O2 LEVEL



IMPERVIOUS OVERALLS



HEAVYDUTY IMPERVIOUS



WET CEMENT



BS EN166 GRADE 3



AND



LEV AND



EN137 OR 14593/14594



WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS



SWEEP OR VACUUM



SENSITISER/ACUTE HAZARD

Health Hazards

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
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Prolonged skin contact can cause burns/skin ulceration  
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Material/Process

ULTRACRETE M60

HIGH HAZARD

SOLID

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Signal Word Danger

Exp Limit Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Limestone 4mg/m3 Resp8hTWA 10mg/m3 Inhal8hTWA



Health Hazards

- Causes skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- May cause respiratory irritation
- Prolonged skin contact can cause burns/skin ulceration
- May cause ill health if ingested in quantity

Considerations



Method Mixing Area Confined Space Exposure 4 to 8 hours per shift

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY

Control Measures



MONITOR O2 LEVEL IMPERIOUS OVERALLS HEAVYDUTY IMPERVIOUS WET CEMENT BS EN166 GRADE 3



AND LEV AND EN137 OR 14593/14594 WASH AFTER USE AT END OF SHIFT CLOSE ALL CONTAINERS



SWEEP OR VACUUM SENSITISER/ACUTE HAZARD

Spillage

- Ventilate area
- Wear heavy duty impervious gloves
- Suitable eye protection must be worn
- Suitable respiratory protection must be worn
- Wear protective overalls & chemical proof footwear
- Scoop or scrape up and place in suitable container
- Do not dry sweep - either suppress dust or clear using hepa vacuum
- Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

First Aid

- Ensure access to eyewash station for emergency use
- Inhalation - remove to fresh air and rest
- After a significant exposure or if feeling unwell call for medical assistance immediately
- Ingestion - do not induce vomiting
- Ingestion - wash out mouth with water
- If feeling unwell consult your doctor immediately
- Eye contact - irrigate using eyewash & get immediate medical attention
- Skin - remove contaminated clothing
- In case of burns immerse affected area in water
- Get prompt medical attention

Fire

- Isolated small scale fire:
- Inert material - sand, earth etc
- Large fire: evacuate area, call fire brigade or follow site procedure
- Wear self-contained breathing apparatus and protective clothing



Activity Comments

Refer to Confined Spaces Regulations 1997 and your specific Confined Spaces Risk Assessment for further requirements. Refer to assessment for material to be mixed for any further precautions.

Date Printed 21/10/2021





Material/Process  
ULTRACRETE M60

Supplier INSTARMAC GROUP PLC  
Keyword Cement  
Signal Word Danger

HIGH HAZARD  
SOLID



Method	Mixing	Area	Confined Space	Exposure	4 to 8 hours per shift	Activity Comments
HIGH ACUTE RISK - FULL EXPOSURE			HIGH CHRONIC RISK - FULL EXPOSURE			Refer to Confined Spaces Regulations 1997 and your specific Confined Spaces Risk Assessment for further requirements. Refer to assessment for material to be mixed for any further precautions.

Control Measures

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY			HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY		
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MONITOR O2 LEVEL



IMPERVIOUS OVERALLS



HEAVYDUTY IMPERVIOUS



WET CEMENT



BS EN166 GRADE 3



AND



LEV AND



EN137 OR 14593/14594



WASH AFTER USE



AT END OF SHIFT



CLOSE ALL CONTAINERS



SWEEP OR VACUUM



SENSITISER/ACUTE HAZARD

Health Hazards

Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
May cause respiratory irritation  
Prolonged skin contact can cause burns/skin ulceration  
May cause ill health if ingested in quantity

REQUEST DETAILS

#ID:3773253

User making requestN/A

MATERIAL DETAILS

Material Code:182392

Tradename:ULTRACRETE M60

HIGH UNCONTROLLED ACUTE RISK

HIGH UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

IMC

SupplierINSTARMAC GROUP PLC

ACTIVITY DETAILS			
Act No	Method	Area	Exposure
14	Mixing	Outside	Up to 1/2 hour per shift
13	Mixing	Outside	4 to 8 hours per shift
12	Mixing	Confined Space	Up to 1/2 hour per shift
11	Mixing	Confined Space	4 to 8 hours per shift

SCENARIO DETAILS

Additional work practices:

Approximately how much of the material is used by one person in one working day:

2-3 25KG BAGS

Frequency of use:

Daily

How many people are directly exposed?:

2-5

Are any other people put at risk from indirect exposure?:

No

Are there any susceptible workers?:

No

Susceptible Categories:

Work Area Code

TELECOMS


Sub Area Code

Other Information

Contains Portland cement. May produce an allergic reaction. Contains Cement. May produce an allergic reaction.


Considerations

Answer




Have you considered all components used in this task?

Yes



Has the elimination or substitution of this material been considered?

Yes



If available, have you considered purchasing pre-diluted or pre-mixed products?

Yes



Have you implemented the use of the engineering controls before resorting to the use of RPE?

Yes



Are all personnel provided with necessary RPE, suitably trained in its correct use, maintenance, and storage and been fit tested where required?

Yes



Are procedures to ensure the maintenance of controls in place?

Yes



Are procedures to conduct exposure monitoring in place?

Yes



Are procedures to undertake skin checks in place?

Yes



Are First Aiders trained in the specific First Aid requirements for this material?

Yes

# INSTARMAC

## SAFETY DATA SHEET ULTRACRETE M60

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

#### 1.1. Product identifier

Product name ULTRACRETE M60

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

Uses advised against No specific uses advised against are identified.

#### 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 254400  
Fax: +44 (0) 1827 285386  
email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

Emergency telephone +44(0)1827 254433 +44 (0)7971 217 347 (24 hours)

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

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

Human health See Section 11 for additional information on health hazards.

Environmental The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

##### Hazard pictograms



Signal word Danger

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

## ULTRACRETE M60

### Precautionary statements

P261 Avoid breathing dust.  
 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 CENTRE/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.

### Contains

PORTLAND CEMENT, HIGH ALUMINA CEMENT

### Supplementary precautionary statements

P261 Avoid breathing vapour/spray.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 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 CENTRE/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.  
 P363 Wash contaminated clothing before reuse.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Classification according to EC  
 1272/2008 (CLP)

### 3.2. Mixtures

<b>Quartz</b>		<b>30-60%</b>
CAS number: 14808-60-7	EC number: 238-878-4	
<b>Classification</b>		
Not Classified		



## ULTRACRETE M60

<b>PORTLAND CEMENT</b>		<b>10-30%</b>
CAS number: 65997-15-1	EC number: 266-043-4	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1B - H317 STOT SE 3 - H335		
<b>GROUND NATURAL CALCIUM CARBONATE</b>		<b>10-30%</b>
CAS number: 1317-65-3		
<b>Classification</b> Not Classified		
<b>HIGH ALUMINA CEMENT</b>		<b>10-30%</b>
CAS number: 65997-16-2	EC number: 266-045-5	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318		
<b>Quartz</b>		<b>5-10%</b>
CAS number: 14808-60-7	EC number: 238-878-4	
<b>Classification</b> Not Classified		

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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## ULTRACRETE M60

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

Notes for the doctor                      No specific recommendations.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media      Use fire-extinguishing media suitable for the surrounding fire.

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

Specific hazards                      Not known. No unusual fire or explosion hazards noted.

Hazardous combustion products      Does not decompose when used and stored as recommended.

#### 5.3. Advice for firefighters

Protective actions during firefighting      No specific firefighting precautions known.

Special protective equipment for firefighters      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.

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

Methods for cleaning up                      GENERAL. For waste disposal, see Section 13.

#### 6.4. Reference to other sections

Reference to other sections      For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13. See Section 11 for additional information on health hazards.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions                      No specific recommendations.

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

Storage precautions                      Store at moderate temperatures in dry, well ventilated area.

Storage class                              Unspecified storage.

#### 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

##### Quartz

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

##### **PORTLAND CEMENT**

## ULTRACRETE M60

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

### GROUND NATURAL CALCIUM CARBONATE

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup> resp.dust

### HIGH ALUMINA CEMENT

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

### Quartz

Long-term exposure limit (8-hour TWA): WEL 0.3 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

**Ingredient comments** No exposure limits known for ingredient(s).

### PORTLAND CEMENT (CAS: 65997-15-1)

#### DNEL

A derived no-effect level (DNEL) of 1 mg/m<sup>3</sup> (as respirable dust) over an hour shift has been set.

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Not relevant.

**Eye/face protection**

The following protection should be worn: Chemical splash goggles.

**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 any possibility of skin contact.

**Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

**Respiratory protection**

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and chemical properties

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

**Appearance**

Dusty powder.

### 9.2. Other information

**Other information**

Not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity**

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability**

No particular stability concerns.

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### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable. No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

**General information** No specific health hazards known.

**Inhalation** No specific health hazards known.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes.

**Acute and chronic health hazards** This product may cause skin and eye irritation.

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

**Toxicity** No information available

### 12.2. Persistence and degradability

**Persistence and degradability** No information available There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not available.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

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

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

<b>Environmentally hazardous substance/marine pollutant</b>
No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

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

<b>National regulations</b>	Health and Safety at Work etc. Act 1974 (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>Guidance</b>	Safety Data Sheets for Substances and Preparations.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>General information</b>	Only trained personnel should use this material.
<b>Issued by</b>	HS&E Manager.
<b>Revision date</b>	20/11/2020
<b>Revision</b>	2



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**Supersedes date** 10/01/2018

**SDS status** Approved.

**Hazard statements in full** H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

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