

ID#:	3475629	User making request:	Dorrett Bryan
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Email:	dorrett.bryan@morrisonus.com	Date Created:	06/02/2018
Date Assessment Reviewed	06/02/2018	Next Review Date:	06/02/2019
Material Code:	182392	Tradename:	ULTRACRETE M60
Supplier Code:	12078	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, Calcium carbonate 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Quartz (SiO2) (non respirable fraction) 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL

Notes Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification

Files Uploaded

File Name
M60_July2010.pdf

Activities

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

Work Area

Work Area Code	Sub Area Code
JOB PACK	

Safer Substitute Chosen	Reason for leaving/swapping material

MATERIAL/PROCESS

ULTRACRETE M60

HIGH HAZARD

SOLID

SUPPLIER

INSTARMAC GROUP PLC

KEYWORD

Cement

CONTENTS

Calcium carbonate 10 - 30%, Portland cement 10 - 30%, Quartz (SiO2) (non respirable fraction) 30 - 60%, Respirable silica < 10%, High Alumina Cement: 1-10%

SIGNAL WORD

DANGER



EXP LIMIT

Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA

HEALTH HAZARDS

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

CONSIDERATIONS



METHODMixing

AREAConfined Space

EXPOSURE TIME4 to 8 hours per shift

SPILLAGE







HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH 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 EXPOSURE

AT END OF SHIFT

CLOSE ALL CONTAINERS



SWEEP OR VACUUM




SENSITISER/ACUTE HAZARD


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:
Water - carbon dioxide - foam - inert material
Large fire: evacuate area, call fire brigade or follow site procedure
Wear self-contained breathing apparatus and protective clothing



Safer, Healthier, Stronger

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. Mixing with water prior to application.

This assessment was compiled by Alcumus Sypol Limited from supplier's safety data sheets where appropriate. Safety in the use of assessments is the responsibility of the subscriber. For advice call the helpdesk on 01296 678464

MORRISON

ZERO HARM

YOU CAN MAKE A DIFFERENCE

DATE ASSESSMENT REVIEWED06/02/2018

LATEST SAFETY DATA SHEET REFERENCE

09/12/2013

MATERIAL/PROCESS

ULTRACRETE M60

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CONSIDERATIONS



METHOD

Mixing

AREA

Confined Space

EXPOSURE TIME

Up to 1/2 hour per shift

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


HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE


CONTROL MEASURES

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY


HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY




AND




MONITOR O2
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CONSIDERATIONS



METHODMixing

AREAA Outside

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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 EXPOSURE




AT END OF SHIFT



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SWEEP OR VACUUM





ACUTE HAZARD

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CONSIDERATIONS



METHODMixing

AREAA Outside

EXPOSURE TIMEUp to 1/2 hour per shift

SPILLAGE


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CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY


MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY




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MATERIAL/PROCESS

ULTRACRETE M60



SUPPLIERINSTARMAC GROUP PLC

KEYWORDCement

SIGNAL WORDDANGER

HIGH HAZARD

SOLID



METHODMixing

AREAConfined Space

EXPOSURE TIME4 to 8 hours per shift

ACTIVITY COMMENTS

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HIGH CHRONIC RISK - FULL EXPOSURE

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CONTROL MEASURES

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



MONITOR O2 LEVEL

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HIGH CHRONIC RISK - FULL EXPOSURE

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CONTROL MEASURES

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



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SUPPLIERINSTARMAC GROUP PLC

KEYWORDCement

SIGNAL WORDDANGER

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METHODMixing

AREAAreaOutside

EXPOSURE TIME4 to 8 hours per shift

ACTIVITY COMMENTSMixing with water prior to application.













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

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KEYWORDCement

SIGNAL WORDDANGER

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METHODMixing

AREAAreaOutside

EXPOSURE TIMEUp to 1/2 hour per shift

ACTIVITY COMMENTSMixing with water prior to application.













HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS

HEAVYDUTY IMPERVIOUS

WET CEMENT

BS EN166 GRADE 3

AND

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WASH AFTER EXPOSURE

IF SOILED

CLOSE ALL CONTAINERS

SWEEP OR VACUUM

SENSITISER/ACUTE HAZARD

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REQUEST DETAILS	#ID:	3475629	User making request:	Dorrett Bryan
MATERIAL DETAILS	Material Code:	182392	<div>HIGH UNCONTROLLED ACUTE RISK</div> <div>HIGH UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	ULTRACRETE M60			
IMC:	Supplier:	INSTARMAC GROUP PLC		

ACTIVITY DETAILS			
Act No.	Method	Area	Exposure
11	Mixing	Confined Space	4 to 8 hours per shift
12	Mixing	Confined Space	Up to 1/2 hour per shift
13	Mixing	Outside	4 to 8 hours per shift
14	Mixing	Outside	Up to 1/2 hour 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	How are they exposed?:		
Are there any susceptible workers?:	No	Susceptible Categories:		

WORK AREA	Sub Area Code
Work Area Code	
JOB PACK	

OTHER INFORMATION

Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification

CONSIDERATIONS		Answer
<div>REG 6</div>	Have you considered all components used in this task?	YES
<div>REG 7</div>	Has the elimination or substitution of this material been considered?	YES
<div>REG 7</div>	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