

ID#:	4015082	User making request:	Cedric Auge
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Email:	Cedric.Auge@morrisonus.com	Date Created:	19/03/2020
Date Assessment Reviewed	19/03/2020	Next Review Date:	19/03/2023
Material Code:	130509	Tradename:	ULTRACRETE ENVIROBED HA 104
Supplier:	INSTARMAC GROUP LTD	IMC:	
Keyword:	Mortar (Cement)	Frequency of use:	Weekly
Approximately how much of the material is used by one person in one working day:	5 kg	How many people are directly exposed?:	2-5
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	Mixing and applying by hand, inhalation and skin contact to be managed.
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	Chromium(VI) cpd 0.05mg/m3 8hr TWA WEL, Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Quartz (SiO2) (non respirable fraction) 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL		
Notes	Contains Cement. May produce an allergic reaction. Contains Portland cement. May produce an allergic reaction.		

Files Uploaded

File Name

Activities

Act No.	Method	Area	Exposure
4	Hand applying	Outside	1/2 to 2 hours per shift
6	Mixing	Outside	1/2 to 2 hours per shift

Work Area

Work Area Code	Sub Area Code
TELECOMS	

Safer Substitute Chosen No Reason for leaving/swapping material

MATERIAL/PROCESS

CONSIDERATIONS

ULTRACRETE ENVIROBED HA 104

HIGH HAZARD

SOLID

SUPPLIER

INSTARMAC GROUP LTD

KEYWORD

Mortar (Cement)

CONTENTS

Cement 10 - 30%, Calcium Lignosulphate salts < 1%, Portland cement 10 - 30%, Quartz (SiO2) (non respirable fraction) 21 - 70%, Respirable silica < 10%,

SIGNAL WORD

DANGER

EXP LIMIT

Chromium(VI) cpd 0.05mg/m3 8hr TWA WEL,
Respirable silica 0.1mg/m3 8hTWA WEL,



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



METHOD

Hand applying

AREA

Outside

EXPOSURE TIME

1/2 to 2 hours per shift

MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM 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



WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS



WHEN CURED

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:

Use extinguishers suitable for other materials involved in fire

Large fire: evacuate area, call fire brigade or follow site procedure

Wear self-contained breathing apparatus and protective clothing

ACTIVITY COMMENTS

Application of mixed material.

This assessment was compiled by Alcumus Sygol 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

Printed 16/04/2021

MATERIAL/PROCESS				HEALTH HAZARDS		CONSIDERATIONS
ULTRACRETE ENVIROBED HA 104				<div>Causes serious eye damage</div> <div>Causes skin irritation</div> <div>May cause respiratory irritation</div> <div>May cause an allergic skin reaction</div> <div>Prolonged skin contact can cause burns/skin ulceration</div> <div>May cause ill health if ingested in quantity</div>		<div></div> <div></div> <div></div> <div></div> <div></div>
<div>HIGH HAZARD</div> <div>SOLID</div>						
SUPPLIER	INSTARMAC GROUP LTD					
KEYWORD	Mortar (Cement)					
CONTENTS						
Cement 10 - 30%, Calcium Lignosulphate salts < 1%, Portland cement 10 - 30%, Quartz (SiO2) (non respirable fraction) 21 - 70%, Respirable silica < 10%,						
		SIGNAL WORD	DANGER			
		EXP LIMIT	Chromium(VI) cpd 0.05mg/m3 8hr TWA WEL, Respirable silica 0.1mg/m3 8hTWA WEL,			
METHOD	Mixing	AREA	Outside	EXPOSURE TIME	1/2 to 2 hours per shift	SPILLAGE
MEDIUM ACUTE RISK - FULL EXPOSURE		MEDIUM CHRONIC RISK - FULL EXPOSURE				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
CONTROL MEASURES		MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY		MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY		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
IMPERVIOUS OVERALLS	HEAVYDUTY IMPERVIOUS	WET CEMENT	BS EN166 GRADE 3	AND	LEV OR	
						FIRE
FILTER TYPE P3	WASH AFTER USE	IF SOILED	CLOSE ALL CONTAINERS	SWEEP OR VACUUM	SENSITISER/ACUTE HAZARD	Isolated small scale fire: Use extinguishers suitable for other materials involved in fire Large fire: evacuate area, call fire brigade or follow site procedure Wear self-contained breathing apparatus and protective clothing

MATERIAL/PROCESS

ULTRACRETE ENVIROBED HA 104



SUPPLIERINSTARMAC GROUP LTD

KEYWORDMortar (Cement)

SIGNAL WORDDANGER

HIGH HAZARD

SOLID



METHODHand applying

AREAA Outside

EXPOSURE TIME1/2 to 2 hours per shift

ACTIVITY COMMENTSAplication of mixed material.


MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM 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







WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS



WHEN CURED

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

MATERIAL/PROCESS

ULTRACRETE ENVIROBED HA 104



SUPPLIERINSTARMAC GROUP LTD

KEYWORDMortar (Cement)

SIGNAL WORDDANGER

HIGH HAZARD

SOLID



METHODMixing

AREAA Outside

EXPOSURE TIME1/2 to 2 hours per shift

ACTIVITY COMMENTSMixing with water.


MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM 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




LEV OR




FILTER TYPE P3




WASH AFTER USE




IF SOILED



CLOSE ALL CONTAINERS



SWEEP OR VACUUM



SENSITISER/ACUTE HAZARD

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



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Safer, Healthier, Stronger

This worker sheet was compiled by Alcumus Sypol Limited from the full assessment. Refer to the full assessment for further information regarding all aspects of safe use. For advice call the helpdesk on 01296 678464

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DATE ASSESSMENT REVIEWED19/03/2020

LATEST SAFETY DATA SHEET REFERENCE

12/01/2016





REQUEST DETAILS	#ID:	4015082	User making request:	Cedric Auge
MATERIAL DETAILS	Material Code:	130509	<div>MEDIUM UNCONTROLLED ACUTE RISK</div> <div>MEDIUM UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	ULTRACRETE ENVIROBED HA 104			
IMC:	Supplier:	INSTARMAC GROUP LTD		

ACTIVITY DETAILS			
Act No.	Method	Area	Exposure
4	Hand applying	Outside	1/2 to 2 hours per shift
6	Mixing	Outside	1/2 to 2 hours per shift

SCENARIO DETAILS	Additional work practices:		
Approximately how much of the material is used by one person in one working day:	5 kg	Frequency of use:	Weekly
Are any other people put at risk from indirect exposure?:	No	How many people are directly exposed?:	2-5
Are there any susceptible workers?:	No	How are they exposed?:	Mixing and applying by hand, inhalation and skin contact to be managed.
		Susceptible Categories:	

WORK AREA	Sub Area Code
Work Area Code	
TELECOMS	

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

CONSIDERATIONS	Answer
<div> Have you considered all components used in this task?</div>	YES
<div> Has the elimination or substitution of this material been considered?</div>	YES
<div> If available, have you considered purchasing pre-diluted or pre-mixed products?</div>	YES
<div> Are appropriate organisational control measures to minimise hazardous exposure undertaken?</div>	YES



Is appropriate supervision in place to minimise hazardous exposure?
Team leader is supervising operatives.

YES



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

YES



Have users been informed, instructed and trained in the use of the relevant risk control measures?

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 specific records for inspection of control measures, exposure monitoring health and/or surveillance suitably maintained?

YES



Have users been informed, instructed and trained in the specific hazards for this material?

YES



Have all actions to be taken in the event of an emergency been considered?

YES