EXPOSURE SCENARIO REPORT www.alcumusgroup.com

19/03/2020

4015082 **User making request:** Cedric Auge

07971 513827 Phone: Fax:

Date Assessment Reviewed 19/03/2020 **Next Review Date:** 19/03/2023

Cedric.Auge@morrisonus.com

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 How many people are directly exposed?: 2-5 5 kg

used by one person in one working day:

Are any other people put at risk from How are they exposed?: Mixing and applying by hand, inhalation No

Date Created:

indirect exposure?: and skin contact to be managed.

Are there any susceptible workers?: No **Susceptible Categories:**

Other info: Is this material being used outside of the No

normal temperature range?:

Additional work practices:

Existing Control measures:

Chromium(VI) cpd 0.05mg/m3 8hr TWA WEL, Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA **Exp Limit**

> 4mg/m3 Resp8hTWA WEL, Quartz (SiO2) (non respirable fraction) 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL Contains Cement. May produce an allergic reaction. Contains Portland cement. May produce an allergic reaction.

Notes

Files Uploaded

File Name

Email:

Activities

Act No. Method Area **Exposure**

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

www.alcumusgroup.com **SUMMARY SHEET**

FACILITY TELECOMS MAIN **TELECOMS SUB** 130509

MATERIAL/PROCESS

ULTRACRETE ENVIROBED HA 104

HIGH HAZARD

INSTARMAC GROUP LTD SUPPLIER 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%,

METHOD Hand applying

CONTROL MEASURES

IMPERVIOUS

OVERALLS

IF SOILED

SIGNAL WORD DANGER

EXP LIMIT

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

EXPOSURE TIME 1/2 to 2 hours per shift SPILLAGE

MEDIUM ACUTE RISK - FULL EXPOSURE

HEAVYDUTY

IMPERVIOUS

CLOSE ALL

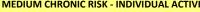
CONTAINERS

MEDIUM CHRONIC RISK - FULL EXPOSURE

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY Suitable respiratory protection must be worn

Outside

AREA







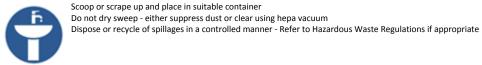
WET CEMENT

WHEN CURED



BS EN166 GRADE 3





WASH AFTER USE

FIRST AID

Ventilate area

Ensure access to eyewash station for emergency use

Wear protective overalls & chemical proof footwear

Inhalation - remove to fresh air and rest

Wear heavy duty impervious gloves Suitable eye protection must be worn

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

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











ACTIVITY COMMENTS

Application of mixed material.

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

Printed 16/04/2021



www.alcumusgroup.com **SUMMARY SHEET**

FACILITY TELECOMS MAIN **TELECOMS SUB** 130509

MATERIAL/PROCESS

ULTRACRETE ENVIROBED HA 104

HIGH HAZARD

INSTARMAC GROUP LTD SUPPLIER 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



CONSIDERATIONS



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

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY 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

IMPERVIOUS





IMPERVIOUS



WET CEMENT





BS EN166 GRADE 3



AND



LEV OR



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

SENSITISER/AC Get prompt medical attention



FILTER TYPE P3



USE



IF SOILED



CLOSE ALL CONTAINERS



SWEEP OR VACUUM





UTE 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



ACTIVITY COMMENTS

Mixing with water.

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Printed 16/04/2021



DATE ASSESSMENT REVIEWED 19/03/2020

www.alcumusgroup.com **WORKER REFERENCE SHEET**

SUB FACILITY TELECOMS MAIN **TELECOMS** 130509

MATERIAL/PROCESS

ULTRACRETE ENVIROBED HA 104

INSTARMAC GROUP LTD SUPPLIER KEYWORD Mortar (Cement)

SIGNAL WORD DANGER







METHOD Hand applying

AREA Outside

EXPOSURE TIME 1/2 to 2 hours per shift

MEDIUM CHRONIC RISK - FULL EXPOSURE

ACTIVITY COMMENTS

Application of mixed material.

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY



MEDIUM ACUTE RISK - FULL EXPOSURE





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



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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SUB FACILITY TELECOMS MAIN **TELECOMS** 130509

MATERIAL/PROCESS

ULTRACRETE ENVIROBED HA 104

INSTARMAC GROUP LTD SUPPLIER KEYWORD Mortar (Cement)

SIGNAL WORD DANGER







METHOD Mixing AREA Outside

MEDIUM ACUTE RISK - FULL EXPOSURE

EXPOSURE TIME 1/2 to 2 hours per shift

MEDIUM CHRONIC RISK - FULL EXPOSURE

ACTIVITY COMMENTS

Mixing with water.

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



Causes serious eye damage

Causes skin irritation

May cause respiratory irritation

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Prolonged skin contact can cause burns/skin ulceration

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Printed 16/04/2021



CONTROL SHEET www.alcumusgroup.com,

REQUEST DETAILS #ID: 4015082 User making request: Cedric Auge

MATERIAL DETAILS Material Code: 130509 MEDIUM UNCONTROLLED ACUTE RISK

Tradename: ULTRACRETE ENVIROBED HA 104 MEDIUM UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

YES

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
1/2 to 2 hours per shift

SCENARIO DETAILS Additional work practices:

Approximately how much of the material is

5 kg

Frequency of use: Weekly

4 directly supposed 2: 2-5

used by one person in one working day:

| Skg | Frequency of use. | Weekly | directly exposed?:

Are appropriate organisational control measures to minimise hazardous exposure undertaken?

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:

WORK AREA

Work Area Code Sub Area Code

TELECOMS

OTHER INFORMATION

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Contains Cement. May produce an allergic reaction. Contains Portland 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

22	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
1/10	Are procedures to ensure the maintenance of controls in place?	YES
	Are procedures to conduct exposure monitoring in place?	YES
Of the second	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