EXPOSURE SCENARIO REPORT www.alcumusgroup.com

ID#: 3773147 User making request: N/A

Fax: Phone:

Email: Date Created: 11/04/2019

Date Assessment Reviewed 11/04/2019 Next Review Date: 11/04/2022

Material Code: 287899 Tradename: GENERIC - CONCRETE DUST

Supplier: NOT APPLICABLE IMC:

Keyword: Concrete Frequency of use: Daily

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

4.5 Used by one person in one working day:

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Are any other people put at risk from No How are they exposed?: 1 - 2HR

indirect exposure?:
Are there any susceptible workers?:
Susceptible Categories:

Other info: Is this material being used outside of the

normal temperature range?: No

Additional work practices: Consider skin checks

Existing Control measures: Suitable PPE, Trg & Tool Box talks

Exp Limit Respirable silica 0.1mg/m3 8hTWA WEL

Notes Assessment covers exposure to dusts generated through work involving set concrete products.

**Files Uploaded** 

**File Name** 

**Activities** 

Act No. Method Area Exposure

5 Direct Exposure Outside 2 to 4 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** 287899

MATERIAL/PROCESS

## **GENERIC - CONCRETE DUST**

LOW HAZARD

**NOT APPLICABLE SUPPLIER** 

**KEYWORD** Concrete

**CONTENTS** Respirable silica < 10%,

SIGNAL WORD NONE

**EXP LIMIT** Respirable silica 0.1mg/m3 8hTWA WEL **HEALTH HAZARDS** 

Minimal risk of exposure when intact

If dust produced see below

May cause ill health if ingested in quantity

May cause eye irritation

Skin - irritation and dermatitis may result from prolonged contact



**CONSIDERATIONS** 



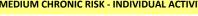
**METHOD** Direct Exposure

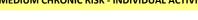
AREA Outside **EXPOSURE TIME** 2 to 4 hours per shift

MEDIUM CHRONIC RISK - FULL EXPOSURE

**CONTROL MEASURES** 

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







**IMPERVIOUS OVERALLS** 



**MEDIUM ACUTE RISK - FULL EXPOSURE** 

**HEAVYDUTY IMPERVIOUS** 



WET CEMENT



IF CONTACT LIKELY



AND



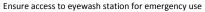
WATER





**SPILLAGE** 

Ventilate area



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

Inhalation - remove to fresh air and rest

After a significant exposure or if feeling unwell call for medical assistance immediately

Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

Ingestion - do not induce vomiting

Wear heavy duty impervious gloves Suitable eye protection must be worn

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



Water - carbon dioxide - powder - foam - inert material

Wear self-contained breathing apparatus and protective clothing











FILTER TYPE P3



**EXPOSURE** 



IF SOILED



**SWEEP OR** VACUUM



CONTROLLED STORE /WASTE



Isolated small scale fire:

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



**ACTIVITY COMMENTS** 

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



DATE ASSESSMENT REVIEWED 11/04/2019

WORKER REFERENCE SHEET www.alcumusgroup.com

FACILITY TELECOMS MAIN TELECOMS SUB 287899

MATERIAL/PROCESS

## **GENERIC - CONCRETE DUST**

SUPPLIER NOT APPLICABLE KEYWORD Concrete

SIGNAL WORD NONE



SOLID



METHOD Direct Exposure AREA Outside EXPOSURE TIME 2 to 4 hours per shift ACTIVITY COMMENTS

MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM CHRONIC RISK - FULL EXPOSURE

**CONTROL MEASURES** 

**MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY** 

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY







HEAVYDUTY IMPERVIOUS



WET CEMENT



IF CONTACT LIKELY



AND



WATER SUPPRESSION AND



FILTER TYPE P3



WASH AFTER EXPOSURE



IF SOILED



SWEEP OR VACUUM



CONTROLLED STORE /WASTE

## **HEALTH HAZARDS**

Minimal risk of exposure when intact

If dust produced see below

May cause ill health if ingested in quantity

May cause eye irritation

Skin - irritation and dermatitis may result from prolonged contact



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

Printed 16/04/2021



DATE ASSESSMENT REVIEWED 11/04/2019 LATEST SAFETY DATA SHEET REFERENCE Derived

CONTROL SHEET www.alcumusgroup.com

REQUEST DETAILS #ID: 3773147 User making request: N/A

MATERIAL DETAILS Material Code: 287899 MEDIUM UNCONTROLLED ACUTE RISK

Tradename: GENERIC - CONCRETE DUST MEDIUM UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

IMC: Supplier: NOT APPLICABLE

**ACTIVITY DETAILS** 

Act No. Method Area Exposure

5 Direct Exposure Outside 2 to 4 hours per shift

SCENARIO DETAILS Additional work practices: Consider skin checks

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

25 - 100kg

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?: 1 - 2HR

Are there any susceptible workers?: Susceptible Categories:

**WORK AREA** 

Work Area Code Sub Area Code

**TELECOMS** 

## OTHER INFORMATION

Assessment covers exposure to dusts generated through work involving set concrete products.

CONSIDERATIONS		Answer
( ←	Has the elimination or substitution of this material been considered?	YES
7	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

17	Are procedures to ensure the maintenance of controls in place?	YES
Ė	Are procedures to conduct exposure monitoring in place?	YES
W.	Are procedures to undertake skin checks in place?	YES
1	Are procedures to undertake lung function tests in place?	YES
	Are procedures to undertake chest X-Ray's in place?	YES
<b>*</b>	Are specific records for inspection of control measures, exposure monitoring health and/or surveillance suitably maintained?	YES
=,	Have all actions to be taken in the event of an emergency been considered?	YES