

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:	25 - 100kg	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:	
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

MATERIAL/PROCESS

GENERIC - CONCRETE DUST

LOW HAZARD

SOLID

SUPPLIER


NOT APPLICABLE

KEYWORD

Concrete

CONTENTS



Respirable silica < 10%,



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



SIGNAL WORD

NONE

EXP LIMIT

Respirable silica 0.1mg/m3 8hTWA WEL

METHOD

Direct Exposure

AREA

Outside

EXPOSURE TIME

2 to 4 hours 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 - Refer to Hazardous Waste Regulations if appropriate

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

IF CONTACT LIKELY

AND

WATER SUPPRESSION AND

FILTER TYPE P3

WASH AFTER EXPOSURE

IF SOILED

SWEEP OR VACUUM

CONTROLLED STORE /WASTE

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



ACTIVITY COMMENTS

FIRE

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

MATERIAL/PROCESS

GENERIC - CONCRETE DUST

SUPPLIER

NOT APPLICABLE

KEYWORD


Concrete

SIGNAL WORD

NONE

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SOLID



METHOD Direct Exposure

AREA Outside

EXPOSURE TIME 2 to 4 hours per shift

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REQUEST DETAILS	#ID:	3773147	User making request:	N/A
MATERIAL DETAILS	Material Code:	287899	<div>MEDIUM UNCONTROLLED ACUTE RISK</div> <div>MEDIUM UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	GENERIC - CONCRETE DUST			
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
 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 procedures to undertake lung function tests in place?

YES



Are procedures to undertake chest X-Ray's in place?

YES



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