

ID#:	3773247	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:	843	Tradename:	GENERIC - SAND
Supplier:	VARIOUS	IMC:	
Keyword:	Sand	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	5kg - 200kg	How many people are directly exposed?:	1
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:			
Exp Limit	Respirable silica 0.1mg/m3 8hTWA WEL, Quartz (SiO2) (non respirable fraction) 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL		
Notes			

Files Uploaded

File Name

Activities

Act No.	Method	Area	Exposure
81	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

HEALTH HAZARDS

CONSIDERATIONS

GENERIC - SAND

MEDIUM HAZARD

SOLID

SUPPLIER

VARIOUS

KEYWORD

Sand

CONTENTS

Quartz (SiO2) (non respirable fraction), Respirable silica < 10%, In general, quartzite, sandstone, sand and gravel.

SIGNAL WORD

NONE

EXP LIMIT

Respirable silica 0.1mg/m3 8hTWA WEL,
Quartz (SiO2) (non respirable fraction)



May cause ill health if ingested in quantity
Skin - irritation and dermatitis may result from prolonged contact
Prolonged inhalation may lead to long term lung damage
May cause eye irritation



METHOD

Direct Exposure

AREA

Outside

EXPOSURE TIME

2 to 4 hours per shift

SPILLAGE

MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY



KEEP SKIN COVERED

HEAVYDUTY IMPERVIOUS

PROTECTIVE FOOTWEAR

BS EN166

AND

LEV OR



FILTER TYPE P3

WASH AFTER EXPOSURE

IF HEAVILY SOILED

SWEEP OR VACUUM

CONTROLLED STORE /WASTE

Ventilate area
Wear heavy duty impervious gloves
Wear eye protection if contact likely
Suitable respiratory protection must be worn
Wear protective overalls and footwear for large spillages
Scoop or scrape up and place in suitable container
Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate



FIRST AID

Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill
Ingestion - do not induce vomiting, wash out mouth with water
If feeling unwell consult your doctor immediately
Eye - irrigate with water until irritation subsides; if irritation persists then consult a doctor
Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor



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

ACTIVITY COMMENTS

MATERIAL/PROCESS

GENERIC - SAND


SUPPLIERVARIOUS

KEYWORDSand

SIGNAL WORDNONE

MEDIUM HAZARD

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

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May cause eye irritation





REQUEST DETAILS	#ID:	3773247	User making request:	N/A
MATERIAL DETAILS	Material Code:	843	<div>MEDIUM UNCONTROLLED ACUTE RISK</div> <div>MEDIUM UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	GENERIC - SAND			
IMC:	Supplier:	VARIOUS		

ACTIVITY DETAILS			
Act No.	Method	Area	Exposure
81	Direct Exposure	Outside	2 to 4 hours per shift

SCENARIO DETAILS	Additional work practices:			consider skin checks	
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Are there any susceptible workers?:	Susceptible Categories:				

WORK AREA	
Work Area Code	Sub Area Code
TELECOMS	

OTHER INFORMATION

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 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