EXPOSURE SCENARIO REPORT www.alcumusgroup.com

ID#: 3773249 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: 73934 Tradename: SILICA DUST EXPOSURE

Supplier: NOT APPLICABLE IMC:

Keyword: Dust (Silica) Frequency of use: Daily

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

10grams - 500grams

Are any other people put at risk from No How are they exposed?: 0 - 1HR

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: Health monitoring

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

97 Direct Exposure Inside Poorly Ventilated 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**

MATERIAL/PROCESS

SILICA DUST EXPOSURE

MEDIUM HAZARD

NOT APPLICABLE SUPPLIER KEYWORD Dust (Silica)

CONTENTS

Quartz (SiO2) (non respirable fraction), Respirable silica > 10%, The dust contains indeterminate levels of respirable fraction of silica dust that could exceed 10% of the total silica dust. The assessment has been compiled on worst case scenario basis.

SIGNAL WORD WARNING

EXP LIMIT

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

HEALTH HAZARDS

May cause damage to organs through prolonged or repeated exposure through inhalation

May cause ill health if ingested in quantity

Skin - irritation and dermatitis may result from prolonged contact

May cause eye irritation



CONSIDERATIONS

73934



METHOD Direct Exposure

MEDIUM ACUTE RISK - FULL EXPOSURE

Inside Poorly Ventilated

EXPOSURE TIME 2 to 4 hours per shift

SPILLAGE

Ventilate area

Wear heavy duty impervious gloves

Wear eye protection if contact likely

Wear protective overalls and footwear for large spillages

Scoop or scrape up and place in suitable container

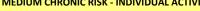
Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate



CONTROL MEASURES

AREA

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







BS EN166



AND

MEDIUM CHRONIC RISK - FULL EXPOSURE





SUPPRESSION

AND

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





KEEP SKIN

COVERED





HEAVYDUTY

IMPERVIOUS

WASH AFTER EXPOSURE



PROTECTIVE

FOOTWEAR

IF HEAVILY **SOILED**



SWEEP OR VACUUM



CHRONIC HAZARD



FIRE

Isolated small scale fire:

Water - carbon dioxide - foam - inert material

Large fire: evacuate area, call fire brigade or follow site procedure Wear self-contained breathing apparatus and protective clothing





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 15/04/2021



DATE ASSESSMENT REVIEWED 11/04/2019 LATEST SAFETY DATA SHEET REFERENCE Derived WORKER REFERENCE SHEET www.alcumusgroup.com

FACILITY TELECOMS MAIN TELECOMS SUB 73934

MATERIAL/PROCESS

SILICA DUST EXPOSURE

SUPPLIER NOT APPLICABLE
KEYWORD Dust (Silica)
SIGNAL WORD WARNING

MEDIUM HAZARD

SOLID



METHOD Direct Exposure AREA Inside Poorly Ventilated

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



PROTECTIVE FOOTWEAR



BS EN166



AND



WATER SUPPRESSION AND



FILTER TYPE P3



WASH AFTER EXPOSURE



IF HEAVILY SOILED



SWEEP OR VACUUM



CHRONIC HAZARD

HEALTH HAZARDS

May cause damage to organs through prolonged or repeated exposure through inhalation

May cause ill health if ingested in quantity

Skin - irritation and dermatitis may result from prolonged contact

May cause eye irritation



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 15/04/2021



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

CONTROL SHEET www.alcumusgroup.com

REQUEST DETAILS #ID: 3773249 User making request: N/A

MATERIAL DETAILS Material Code: 73934 MEDIUM UNCONTROLLED ACUTE RISK

Tradename: SILICA DUST EXPOSURE MEDIUM UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

IMC: Supplier: NOT APPLICABLE

ACTIVITY DETAILS

Act No. Method Area Exposure

97 Direct Exposure Inside Poorly Ventilated 2 to 4 hours per shift

SCENARIO DETAILS Additional work practices: Health monitoring

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

10grams - 500grams Frequency of use: Daily How many people are directly exposed?:

Are any other people put at risk from indirect exposure?:

No How are they exposed?: 0 - 1HR

Are there any susceptible workers?: Susceptible Categories:

WORK AREA

Work Area Code Sub Area Code

TELECOMS

OTHER INFORMATION

CONS	SIDERATIONS		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?

Ar	re procedures to ensure the maintenance of controls in place?	YES
Ar	re procedures to conduct exposure monitoring in place?	YES
Ar	re procedures to undertake lung function tests in place?	YES
Ar	re procedures to undertake chest X-Ray's in place?	YES
Ar	re specific records for inspection of control measures, exposure monitoring health and/or surveillance suitably maintained?	YES
E, Ha	ave all actions to be taken in the event of an emergency been considered?	YES