**EXPOSURE SCENARIO REPORT** www.alcumusgroup.com 3773247 **User making request:** N/A ID#: Fax: Phone: **Date Created:** 11/04/2019 Email: **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 How many people are directly exposed?: 1 5kg - 200kg used by one person in one working day: Are any other people put at risk from How are they exposed?: 1 - 2HR No 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: 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** 

Method Act No. 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

www.alcumusgroup.com **SUMMARY SHEET** 

FACILITY TELECOMS MAIN **TELECOMS SUB** 

MATERIAL/PROCESS

**GENERIC - SAND** 

MEDIUM HAZARD

**VARIOUS SUPPLIER 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)

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

**MEDIUM ACUTE RISK - FULL EXPOSURE** 

**HEAVYDUTY** 

**IMPERVIOUS** 

MEDIUM CHRONIC RISK - FULL EXPOSURE

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

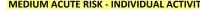
AREA

**CONTROL MEASURES** 

KEEP SKIN

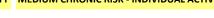
COVERED

**METHOD** Direct Exposure



Outside













AND



LEV OR



FILTER TYPE P3



WASH AFTER **EXPOSURE** 



**PROTECTIVE** 

**FOOTWEAR** 

IF HEAVILY SOILED



**SWEEP OR** VACUUM



CONTROLLED STORE /WASTE

## **HEALTH HAZARDS**

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



**CONSIDERATIONS** 

843







**SPILLAGE** 

Ventilate area

Wear heavy duty impervious gloves Wear eye protection if contact likely

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

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

If feeling unwell consult your doctor immediately

Wear protective overalls and footwear for large spillages Scoop or scrape up and place in suitable container

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** 



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

WORKER REFERENCE SHEET www.alcumusgroup.com

FACILITY TELECOMS MAIN TELECOMS SUB 843

MATERIAL/PROCESS

**GENERIC - SAND** 

SUPPLIER VARIOUS
KEYWORD Sand
SIGNAL WORD NONE

MEDIUM HAZARD

OLID



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



PROTECTIVE FOOTWEAR



BS EN166



AND



LEV OR



FILTER TYPE P3



WASH AFTER EXPOSURE



IF HEAVILY SOILED



SWEEP OR VACUUM



CONTROLLED STORE /WASTE

## **HEALTH HAZARDS**

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



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





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

CONTROL SHEET www.alcumusgroup.com

REQUEST DETAILS #ID: 3773247 User making request: N/A

MATERIAL DETAILS Material Code: 843 MEDIUM UNCONTROLLED ACUTE RISK

Tradename: GENERIC - SAND MEDIUM UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

YES

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

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

5kg - 200kg 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?: 1 - 2HR

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?

| 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 |