EXPOSURE SCENARIO REPORT

ID#: 4015010

User making request: N/A

Fax: Phone:

**Date Created:** 19/03/2020

Date Assessment Reviewed 19/03/2020 Next Review Date: 19/03/2023

Material Code: 50678 Tradename: ABRASIVE WHEELS

Supplier: ABRASIVES SPECIALITIES LTD IMC:

Keyword: Abrasive (Wheel) Frequency of use: Daily

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

How many people are directly exposed?: 1

50grams

Are any other people put at risk from No How are they exposed?:

Are there any susceptible workers?: No Susceptible Categories:

Other info: Is this material being used outside of the

normal temperature range?: No

Additional work practices:

indirect exposure?:

**Existing Control measures:** 

Exp Limit Aluminium oxide 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Silicon carbide 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA

WEL

Notes This assessment covers exposure to dusts produced from an abrasive wheel during a cutting/grinding operation. Refer to

assessment for hazardous dusts that may be produced from the product to be cut/grinded.

**Files Uploaded** 

**File Name** 

Email:

Activities

Act No. Method Area Exposure

8 Direct Exposure Outside 1/2 to 2 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

## **ABRASIVE WHEELS**

**LOW HAZARD** 

ABRASIVES SPECIALITIES LTD **SUPPLIER** 

**KEYWORD** Abrasive (Wheel)

**CONTENTS** 

Aluminium oxide 100%, Silicon carbide, Proprietary Resin.

SIGNAL WORD NONE

**EXP LIMIT** 

Aluminium oxide 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL, Silicon carbide **HEALTH HAZARDS** 

May cause ill health if ingested in quantity

Skin - irritation and dermatitis may result from prolonged contact

May cause eye irritation



**CONSIDERATIONS** 

50678



**METHOD** Direct Exposure

AREA

Outside

**EXPOSURE TIME 1/2 to 2 hours per shift SPILLAGE** 

**MEDIUM ACUTE RISK - FULL EXPOSURE** 

MEDIUM CHRONIC RISK - FULL EXPOSURE

**CONTROL MEASURES** 

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY Wear respiratory protection for large spills in poorly ventilated areas





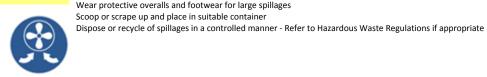


IF CONTACT

POSSIBLE



AND



LEV OR

**FIRST AID** 

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

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

FILTER TYPE P2



**HEAVYDUTY** 

**IMPERVIOUS** 

WASH AFTER **EXPOSURE** 



**PROTECTIVE** 

**FOOTWEAR** 

IF HEAVILY SOILED



**SWEEP OR** VACUUM



CONTROLLED STORE /WASTE

FIRE

Isolated small scale fire:

Water fog - carbon dioxide - powder - foam - inert material

Do not use water jet

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

Wear self-contained breathing apparatus and protective clothing



## **ACTIVITY COMMENTS**

Dust exposure during grinding activities

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



www.alcumusgroup.com **WORKER REFERENCE SHEET** 

**SUB** FACILITY TELECOMS MAIN **TELECOMS** 50678

**MATERIAL/PROCESS** 

## **ABRASIVE WHEELS**

ABRASIVES SPECIALITIES LTD **SUPPLIER** 

**KEYWORD** Abrasive (Wheel)

**SIGNAL WORD** NONE

LOW HAZARD



METHOD Direct Exposure

AREA Outside

**EXPOSURE TIME 1/2 to 2 hours per shift** 

MEDIUM CHRONIC RISK - FULL EXPOSURE

**ACTIVITY COMMENTS** 

Dust exposure during grinding activities

**MEDIUM ACUTE RISK - FULL EXPOSURE** 

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY

**CONTROL MEASURES** 

**MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY** 



**KEEP SKIN** COVERED



**HEAVYDUTY IMPERVIOUS** 



**PROTECTIVE FOOTWEAR** 



IF CONTACT POSSIBLE



AND



LEV OR



FILTER TYPE P2



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

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



CONTROL SHEET www.alcumusgroup.com

REQUEST DETAILS #ID: 4015010 User making request:

MATERIAL DETAILS Material Code: 50678 MEDIUM UNCONTROLLED ACUTE RISK

Tradename: ABRASIVE WHEELS MEDIUM UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

N/A

IMC: Supplier: ABRASIVES SPECIALITIES LTD

**ACTIVITY DETAILS** 

Act No. Method Area Exposure

8 Direct Exposure Outside 1/2 to 2 hours per shift

SCENARIO DETAILS Additional work practices:

Approximately how much of the material is

50grams

Frequency of use:

Daily

How many people are

used by one person in one working day:

Sograms

Frequency of use:

Daily

directly exposed?:

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

No

How are they exposed?:

Are there any susceptible workers?: No Susceptible Categories:

WORK AREA

Work Area Code Sub Area Code

TELECOMS

OTHER INFORMATION

This assessment covers exposure to dusts produced from an abrasive wheel during a cutting/grinding operation. Refer to assessment for hazardous dusts that may be produced from the product to be cut/grinded.

CONSIDERATIONS



Are procedures to ensure the maintenance of controls in place?

YES