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|--|--|---|-----------------|
| ID#: | 4015010 | User making request: | N/A |
| Fax: | | Phone: | |
| Email: | | 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: | 50grams | How many people are directly exposed?: | 1 |
| Are any other people put at risk from indirect exposure?: | 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: | | | |
| 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

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

MATERIAL/PROCESS

HEALTH HAZARDS

CONSIDERATIONS

ABRASIVE WHEELS

LOW HAZARD

SOLID



SUPPLIER

ABRASIVES SPECIALITIES LTD

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



METHOD

Direct Exposure

AREA

Outside

EXPOSURE TIME

1/2 to 2 hours per shift

MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM CHRONIC RISK - FULL EXPOSURE

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC 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

SPILLAGE

Ventilate area
Wear heavy duty impervious gloves
Wear eye protection if contact likely
Wear respiratory protection for large spills in poorly ventilated areas
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 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

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MATERIAL/PROCESS

ABRASIVE WHEELS

SUPPLIER ABRASIVES SPECIALITIES LTD

KEYWORD Abrasive (Wheel)

SIGNAL WORD NONE

LOW HAZARD

SOLID

METHOD Direct Exposure

AREA Outside

EXPOSURE TIME 1/2 to 2 hours per shift

ACTIVITY COMMENTS

MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM CHRONIC RISK - FULL EXPOSURE

Dust exposure during grinding activities

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC 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

| | | | | |
|------------------|-----------------|----------------------------|--|-----|
| REQUEST DETAILS | #ID: | 4015010 | User making request: | N/A |
| MATERIAL DETAILS | Material Code: | 50678 | <div>MEDIUM UNCONTROLLED ACUTE RISK</div> <div>MEDIUM UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div> | |
| Tradename: | ABRASIVE WHEELS | | | |
| IMC: | Supplier: | ABRASIVES SPECIALITIES LTD | | |


| | | | |
|------------------|-----------------|---------|--------------------------|
| ACTIVITY DETAILS | | | |
| Act No. | Method | Area | Exposure |
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| SCENARIO DETAILS | Additional work practices: | | |
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| Are there any susceptible workers?: | No | How are they exposed?: | |
| | | 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 | Answer |
| <div> Are procedures to ensure the maintenance of controls in place?</div> | YES |