**COSHH SUMMARY SHEET** www.alcumusgroup.com

MAIN **SUB FACILITY** JOB PACK JOB PACK 238098

### MATERIAL/PROCESS

# SAN EARTH M5C-DQ

**HIGH HAZARD** 

**SUPPLIER** SANKOSHA USA, INC

**KEYWORD** Concrete

**CONTENTS** 

Graphite, Portland cement, Respirable silica 2.00 - 5.00%,

Coke (petroleum), calcined

**METHOD** Indirect Exposure

Petroleum coke

SIGNAL WORD DANGER

**EXP LIMIT** 

Respirable silica 0.1mg/m3 8hTWA WEL,

Portland cement 10mg/m3 Inhal8hTWA

#### **HEALTH HAZARDS**

Causes serious eye damage

May cause respiratory irritation

Causes skin irritation

Contact with cement may cause an allergic skin reaction and skin sensitisation to chromates

Prolonged skin contact can cause burns/skin ulceration

Skin contact with cement can cause irritant contact dermatitis

Prolonged inhalation may lead to long term lung damage







AREA Outside

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

**MEDIUM ACUTE RISK - FULL EXPOSURE** 

MEDIUM CHRONIC RISK - FULL EXPOSURE

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

Ventilate area

Wear heavy duty impervious gloves

Suitable eye protection must be worn

Wear protective overalls & chemical proof footwear

Scoop or scrape up and place in suitable container

Dispose or recycle of spillages in a controlled manner

**CONTROL MEASURES** 



KEEP SKIN COVERED



**HEAVYDUTY IMPERVIOUS** 



**BS EN166 GRADE 3** 



AND



LEV OR



FILTER TYPE P2 FIRST AID

Ensure access to eyewash station for emergency use

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 contact - irrigate using eyewash & get immediate medical attention

Skin - wash with soap/cleanser and rinse with water

If irritation persists then consult a doctor



**EXPOSURE** 



IF SOILED



SWEEP OR VACUUM

### FIRE

Isolated small scale fire:

Water - carbon - inert - water fog - foam - powder

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

Wear self-contained breathing apparatus and protective clothing



### **ACTIVITY COMMENTS**

Other people in the area - if significant exposure envisaged - Use RPE as interim pending monitoring or for one-off tasks. If LEV used, monitor to verify it controls to below the OEL

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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**FACILITY** JOB PACK MAIN JOB PACK **SUB** 238098

**HEALTH HAZARDS** 

Causes serious eye damage

May cause respiratory irritation Causes skin irritation

Prolonged skin contact can cause burns/skin ulceration Skin contact with cement can cause irritant contact dermatitis Prolonged inhalation may lead to long term lung damage

## MATERIAL/PROCESS

# SAN EARTH M5C-DQ

HIGH HAZARD

SANKOSHA USA, INC **SUPPLIER** 

**KEYWORD** Concrete

**CONTENTS** 

Graphite, Portland cement, Respirable silica 2.00 - 5.00%,

Coke (petroleum), calcined

Petroleum coke

**METHOD** Mixing

SIGNAL WORD DANGER

**EXP LIMIT** 

Respirable silica 0.1mg/m3 8hTWA WEL, Portland cement 10mg/m3 Inhal8hTWA

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

**MEDIUM ACUTE RISK - FULL EXPOSURE** 

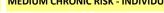
**MEDIUM CHRONIC RISK - FULL EXPOSURE** 

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

**CONTROL MEASURES** 

AREA Outside











**HEAVYDUTY IMPERVIOUS** 



**GRADE 3** 



AND







KEEP SKIN

COVERED

WASH AFTER **EXPOSURE** 



IF SOILED



CLOSE ALL **CONTAINERS** 



**SWEEP OR** VACUUM



**ACUTE HAZARD** 

Ventilate area

Wear heavy duty impervious gloves Suitable eye protection must be worn

Ensure access to eyewash station for emergency use

Wear protective overalls & chemical proof footwear Scoop or scrape up and place in suitable container Dispose or recycle of spillages in a controlled manner

Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill

Contact with cement may cause an allergic skin reaction and skin sensitisation to chromates

Ingestion - do not induce vomiting, wash out mouth with water

If feeling unwell consult your doctor immediately

Eye contact - irrigate using eyewash & get immediate medical attention

Skin - wash with soap/cleanser and rinse with water

If irritation persists then consult a doctor

#### FIRE

Isolated small scale fire:

Water - carbon - inert - water fog - foam - powder

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

Wear self-contained breathing apparatus and protective clothing

### **ACTIVITY COMMENTS**

Poured into an excavation and then mixed with local soil - Use RPE as interim pending monitoring or for one-off tasks. If LEV used, monitor to verify it controls to below the OEL

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CONSIDERATIONS