

MATERIAL/PROCESS

SAN EARTH M5C-DQ

HIGH HAZARD

SOLID

SUPPLIER

SANKOSHA USA, INC

KEYWORD

Concrete

CONTENTS

Graphite, Portland cement, Respirable silica 2.00 - 5.00%,
Coke (petroleum), calcined
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

CONSIDERATIONS



METHOD

Indirect Exposure

AREA

Outside

EXPOSURE TIME

1/2 to 2 hours per shift

SPILLAGE

Ventilate area
Wear heavy duty impervious gloves
Suitable eye protection must be worn
Suitable respiratory 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


MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM CHRONIC RISK - FULL EXPOSURE


CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY


MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY




KEEP SKIN COVERED




HEAVYDUTY IMPERVIOUS




BS EN166 GRADE 3




AND




LEV OR




FILTER TYPE P2



WASH AFTER EXPOSURE



IF SOILED



SWEEP OR VACUUM

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

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

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METHODMixing

AREAA Outside

EXPOSURE TIME1/2 to 2 hours per shift

SPILLAGE


MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM CHRONIC RISK - FULL EXPOSURE


CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY


MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY




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HEAVYDUTY IMPERVIOUS




BS EN166 GRADE 3




AND




LEV OR




FILTER TYPE P3




WASH AFTER EXPOSURE




IF SOILED



CLOSE ALL CONTAINERS



SWEEP OR VACUUM



ACUTE HAZARD

FIRST AID

Ensure access to eyewash station for emergency use
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