

MATERIAL/PROCESS

GENERIC - SAND

MEDIUM HAZARD

SOLID

SUPPLIER

VARIOUS

KEYWORD

Sand

CONTENTS

Quartz (SiO2) (non respirable fraction), Respirable silica < 10%, In general, quartzite, sandstone, sand and gravel

SIGNAL WORD

NONE

EXP LIMIT

10mg/m3 (inh) 4mg/m3 (resp) 8HrTWA,
Respirable silica 0.1mg/m3 8hTWA WEL,

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



METHOD

Direct Exposure

AREA

Outside

EXPOSURE TIME

2 to 4 hours per shift

SPILLAGE

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

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



PROTECTIVE FOOTWEAR



BS EN166



AND



LEV OR



FILTER TYPE P3



WASH AFTER EXPOSURE



IF HEAVILY SOILED



SWEEP OR VACUUM



CONTROLLED STORE /WASTE

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