



Company:	M P S M & Bull Partnership - HR2 6JF
Substance(s) being Assessed:	Powder Extinguisher (M28)
Where is substance used?:	Warehouse/Vehicles/Customer Sites
COSHH Reference Number:	Dry Powder
Safety Data Sheet Ref. No.:	M28_MSDS
Emergency Contact Number:	01432 373161
Date of Assessment:	04/11/2011

Powder Extinguisher (M28)

What is the substance used for?

Fire fighting equipment to be used Class D fires (flammable metals) only

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

Trade name: M28

Company: Bull Products

COMPOSITION/INFORMATION ON INGREDIENTS

There are no hazardous components based upon current legislation. Please see section for respirable dust information.

Substance Hazards:



HAZARDS IDENTIFICATION

Large doses may cause irritation of the stomach and an increase in blood pressure.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Fine powder, no characteristic odour

Solubility in Water - Soluble in water but silicon additive delays dissolution.

pH - Approximately 6.0 of 10% soluble in water.

Density/Specific Gravity: Settled apparent density 1000 - 1300 kg/m³

Flammability: Non-flammable

Decomposition: at 800°C in flame zone.

STABILITY AND REACTIVITY

Stability: Normally stable

Conditions to avoid: Avoid contact with water.

TOXICOLOGICAL INFORMATION

Toxic dose - LD50: Sodium chloride: 3000 mg/kg (oral rate).

Ingestion: Harmful, moderately toxic.

Skin contact: Prolonged or repeated exposure may cause irritation.

Inhalation: Long term inhalation of dust may irritate respiratory system or lungs.

Eye contact: Particles in the eyes may cause irritation and smarting.

ECOLOGICAL INFORMATION

Mobility: Soluble in water therefore it could affect watercourses. In the event of large spillage, advise appropriate authority.

Workplace Exposure Limit:

See Exposure Controls

Routes of Exposure:



Ingredient Comments: Product contains respirable Silica which has a MEL of 0.3 mg/m³ (8 hour TWA)

Who might be harmed?

All Staff

Control Measures:



First aid and Fire:



FIRST AID MEASURES

Inhalation - Remove casualty from exposure. Provide rest, warmth and fresh air.

Skin Contact - Wash with soap and water. If irritation persists, seek medical attention

Eye Contact - Flush with large amounts of water while lifting the eye lids. Continue to rinse for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion - Rinse mouth with water and give plenty of water to drink. Do not induce vomiting.

FIRE FIGHTING MEASURES

NOTE - THIS IS AN EXTINGUISHING AGENT

No unusual fire and explosion hazards.

Storage, Disposal & Spillage:



ACCIDENTAL RELEASE MEASURES

Do not allow to enter public sewers and watercourses. If contamination of drainage systems or watercourses is unavoidable, immediately inform appropriate authorities. Shovel into dry containers. Cover and move the containers. Vacuum cleaning is recommended to minimise dust formation. Flush the area with water.

HANDLING AND STORAGE

Handling - When handling this product use suitable containment methods to avoid generation of dust and local exhaust ventilation to limit personal exposure.

Storage: Keep cool and dry in the absence of vibration. Maintain good housekeeping practice.

DISPOSAL CONSIDERATIONS

Disposal methods: Powder or contaminated packaging to be collected, sealed tightly in bags and disposed of on approved landfills.

NOTE: As a service to our customers, BULL PRODUCTS has recycling facilities in place for the disposal of all extinguishers. If required please contact us on 01432 371170 to request that arrangements be made.

TRANSPORT INFORMATION

Shipping Information

Hazard Class: None

OTHER REGULATORY INFORMATION

None.

Personal Protective Equipment:

No personal protective equipment icons entered

PERSONAL PROTECTION

Protective Gloves: Use of gloves, goggles and protective clothing is recommended.

Ventilation: Provide sufficient ventilation for operations causing dust formation.

Respirators: Respiratory protection (P1) must be used if air concentration exceeds acceptable level.

Protective gloves: No specific hand protection noted but gloves may be still advisable. Use protective gloves made of impermeable material.

Eye protection: Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygienic Work practices: Wash at end of each work shift and before eating, smoking and using toilet.

The calculated risk factor for this task/operation is **3** (Probability: 1 x Severity: 3)

This is classed as a **LOW** risk

Additional Measures:

None Required

Operating Procedures:

OTHER INFORMATION

None

Review Date: 04/11/2012

Name of Assessor: Ann-Marie Bishop

Position: HR, Quality, H & S Manager

Signature/s: 

Date: 11/11/2011

