



Material Safety Data Sheet (MSDS)

This data sheet applies to:
Super-Pozz®

Identification of Material

Identification & Appearance

Super-Pozz® is an alumina-silicate pozzolan. It is a fine grey powder with virtually no odour which is composed mainly of alumina silicate amorphous spheres. Super-Pozz® is not classified as a hazardous material.

Supplier / Manufacturer

Micron Materials: PO Box 3017, Randburg 2125, South Africa
Tel: +27 11 886 2782, Fax: +27 11 886 2851

Recommended Protective Equipment

If exposure is likely to exceed recommended exposure limits:

Respiratory Protection

Suitable respiratory protection should be worn - equipment complying with EN 149, OSHACT/NOSA.

Eye Protection

Dust-proof safety glasses/goggles should be worn.

Hand & Skin Protection

Overalls, gloves, boots and helmets should be worn.

Toxicological Information

Extensive clinical and experimental studies have been undertaken which show Super-Pozz® to be non-toxic.

Skin Contact

Current information suggests that there is no epidemiological evidence of a significant health risk associated with Super-Pozz®.

Ingestion

Unlikely to be a problem, no known adverse health effects on gastrointestinal system.

Exposure Controls

Occupational Exposure Standard (OES)

Total inhalable dust ...	10mg/m ³	8hr T.W.A.
Respirable dust	4mg/m ³	8hr T.W.A.

These figures are considered to be safe in view of the low percentage of crystalline silica present in the respirable fraction.

Fire Fighting Measures

No risks of fire or explosion.

No special fire fighting procedures required.

Super-Pozz® will not facilitate combustion with other materials.

Ecological Information

Aquatic Toxicity Rating

LC50 aquatic toxicity rating not determined. The addition of cementitious materials to water will cause the pH to rise.

Reactivity

Hazardous decomposition of products will not occur.

Hazardous polymerization will not occur.

Biological Oxygen Demand (BOD) is not applicable.

Disposal Considerations

Dispose of empty bags or surplus product in a place authorised to accept builder's waste. Observe local, state and federal regulations. Material is not dangerous if spilled.

Wash away with water or vacuum with high efficiency filter.

Good housekeeping practices recommended.

Keep out of the reach of children.

Do not use compressed air.

Where reasonably practical dust exposures should be controlled by engineering methods.

Transport Information

Classification for conveyance - not required.

Storage Requirements

Store in dry areas. Avoid contact with moisture.

Keep in enclosed containers/silos or in sealed bags.

Bags should be stacked in a safe and stable manner.

Regulatory Information

- Occupational Health and Safety Act (OSHACT) 1993
- HSE Guidance Note EH26 (Occupational Skin Diseases - Health and Safety)
- Health & Safety Precautions (HMSO 1981)
- HSE Occupational Exposure Limits 1998 ISBN 0-7176-1474-3
- Manual Handling Operations Regulations 1992
- Any authorised manual on First Aid

First Aid Measures

Skin Contact

Wash the affected area thoroughly with soap and water. If skin irritation or pain continues, seek medical advice. Clothing contaminated by wet cement, concrete or mortar should be removed and washed thoroughly before re-use.

Eye Contact

Wash eyes with clean water for at least 15 minutes and seek medical advice without delay.

Inhalation

If irritation occurs, move patient to fresh air. If nose or airways become inflamed, seek medical advice.

Ingestion

Do not induce vomiting. Wash out mouth with water and give patient plenty of water to drink.

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For more information visit: www.superpozz.com

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