

MATERIAL SAFETY DATA SHEET – MICROFINE CEMENT

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Information

Product Name: Microfine Cement
Chemical Family: Admixture
Application: Cement Grout
Supplier: Multiurethanes Ltd.
5245 Creekbank Road, Mississauga, ON L4W 1N3
Telephone: 905-564-7650
Fax: 905-564-7998
Emergency Contact: 1-800-663-6633

MSDS Preparation Information

Revision Date: July 6, 2015
Prepared By: Multiurethanes Ltd, Mississauga, ON L4W 1N3
Telephone: 905-564-7650

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
Calcium Silicate	1344-95-2	>60%
Calcium Aluminate	12042-68-1	>60%
Crystalline Silica	14808-60-7	< 1 %

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview Ingredient

Fine grey powder; odourless; hazardous

Potential Health Effects

Eye Contact: Irritation
Skin Contact: Irritation; corrosive when mixed with water
Inhalation (acute): Irritation
Inhalation (chronic): Lung damage
Ingestion: Irritation

SECTION 4: FIRST AID MEASURES

Eye Contact:	Flush with water; if irritation occurs, seek medical attention
Skin Contact:	Wash with soap and water; if irritation occurs, seek medical attention
Inhalation:	Move to fresh air; if irritation occurs, seek medical attention
Ingestion:	Drink water; induce vomiting; seek medical attention

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	Will not ignite
Extinguishing Media:	Dry chemical; carbon dioxide; foam; water spray
Special Fire Fighting Instructions:	Wear full protective equipment, including SCBA

SECTION 6: ACCIDENTAL RELEASE MEASURES

General:	Sweep up dust; flush spill area with water
Waste Disposal:	Dispose according to local regulations

SECTION 7: HANDLING AND STORAGE

Storage:	Store in a dry location
Handling:	Handle with care

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls

Engineering Controls:	Use mechanical ventilation in enclosed areas
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Personal Protective Equipment (PPE)

Eye/Face Protection:	Safety glasses with side shields; emergency eye-wash kits readily available
Skin Protection:	Impermeable gloves; protective clothing with long sleeves and long pants
Respiratory Protection:	NIOSH approved respirator with minimum filter efficiency of 95%

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Powder
Appearance:	Fine grey powder
Colour:	White to grey
Odour:	Odourless
Boiling Point:	Not applicable
Melting/Freezing Point:	> 1600°C
Solubility in Water:	< 1%
Specific Gravity:	3.0
Bulk Density:	0.1 g/ml
% Volatiles by Volume:	Not determined
pH:	12.4
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Not determined
Incompatibles:	Hardens following contact with water
Decomposition Product:	Not determined

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50:	Not determined
Dermal LD50:	Not determined
Inhalation LC50:	Not determined
Eye Effects:	May cause burns; irritation
Skin Effects:	May cause burns; chronic exposure may cause dermatitis
Sensitization:	Allergic reactions to Chromium may occur
Chronic toxicity:	Chronic inhalation may damage lungs
Carcinogenicity:	Crystalline Silica is a known carcinogen
Mutagenicity:	Not determined

SECTION 12: ECOLOGICAL INFORMATION

Avoid environmental contamination.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.

SECTION 14: TRANSPORTATION AND SHIPPING INFORMATION

Not regulated

SECTION 15: REGULATORY INFORMATION

OSHA status:	Hazardous; irritant
TSCA status:	Components are listed on TSCA Inventory
CERCLA reportable quantity:	Not applicable for typical product application
SARA Title III Section 302:	Extremely hazardous substances - no known reportable constituents
SARA Title III Section 311/312:	Hazard categories- acute health hazard; chronic health hazard
SARA Title III Section 313:	Toxic Chemical Release Reporting - not applicable
RCRA status:	It is the responsibility of the product user to determine, at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

SECTION 16: OTHER INFORMATION

WHMIS (Workplace Hazardous Material Identification System) Rating:

Class D2B - Toxic Material

NFPA (National Fire Protection Agency) Rating:

Health	Flammability	Reactivity	Other
1	0	0	0

NAERG (North American Emergency Response Guide) Rating:

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End of MSDS