

MATERIAL SAFETY DATA SHEET – CELBEX 653

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Information

Product Name: Celbex 653
Chemical Family: Water-activated, Polymer-based Admixture
Application: Cement Admixture
Supplier: Multiurethanes Ltd.
6214 Kestrel Road, Mississauga, ON L5T 1Y9
Telephone: 905-564-7650
Fax: 905-564-7998
Emergency Contact: 1-800-663-6633

MSDS Preparation Information

Revision Date: September 14, 2009
Prepared By: Multiurethanes Ltd, Mississauga, ON L5T 1Y9
Telephone: 905-564-7650

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
Calcium Carbonate	1317-65-3	40-70%
Thixotropic Agent	Not disclosed	15-40%
Magnesium Carbonate	546-93-0	5-10%
Crystalline Silica	14808-60-7	>1%

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview Ingredient

White powder; odourless; hazardous

Potential Health Effects

Eye Contact: Irritation
Skin Contact: Irritation; corrosive when mixed with water
Inhalation (acute): Irritation
Inhalation (chronic): May damage lungs
Ingestion: May be poisonous

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 difficult breathing occurs, seek medical attention
Ingestion:	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 spill; avoid creating dust; flush spill area with water to dilute
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:	Not required for typical applications
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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:	Not required for typical applications

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Powder
Appearance:	White powder
Colour:	White
Odour:	Odourless
Boiling Point:	Not applicable
Melting/Freezing Point:	Not applicable
Solubility in Water:	Soluble
Specific Gravity:	Not determined
Bulk Density:	Not determined
% Volatiles by Volume:	Not determined
pH:	Alkaline when mixed with water
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Not determined
Incompatibles:	Avoid contact with strong oxidizers
Decomposition Product:	Burning may produce oxides of carbon and nitrogen, other irritating fumes

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50:	Not determined
Dermal LD50:	Not determined
Inhalation LC50:	Not determined
Eye Effects:	Irritation
Skin Effects:	Corrosive when mixed with water
Sensitization:	Not determined
Chronic toxicity:	Not determined
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