

SAFETY DATA SHEET – CELBEX 653

SECTION 1. IDENTIFICATION

Product Identifier	Celbex 653
Other Means of Identification	Cement grout additive, polymer-based admixture
Recommended Use	Industrial use, professional use only
Restrictions on Use	None known
Supplier Identifier	Multiurethanes Ltd. 5245 Creekbank Rd, Mississauga, ON L4W 1N3
Emergency Telephone Number	1-800-663-6633

SECTION 2. HAZARD IDENTIFICATION

Classification	Skin Irritation - Category 2 Eye Irritation - Category 2B Specific Target Organ Toxicity (single exposure) - Category 3 Carcinogenicity - Category 1A
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Label Elements
Hazard Pictograms



<u>Signal Word</u>	Danger
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<u>Hazard Statements</u>	Causes skin/eye irritation. May cause respiratory irritation. May cause cancer (inhalation).
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Precautionary Statements Wear appropriate protective equipment.
Avoid breathing dust.
Wash hands and exposed skin after handling.
IF ON SKIN: Wash with soap and water.
Seek medical attention.
IF IN EYES: Rinse with water. Seek medical attention.
IF INHALED: Remove person to fresh air.
Seek medical attention.

Other Hazards Product is used with Portland Cement or other caustic material which may cause an allergic skin reaction in sensitive individuals. Wet cement can dry the skin and cause chemical burns. Product contains a low percentage of quartz in which exposure to amounts that will result in chronic symptoms is highly unlikely; however, repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis and may cause cancer.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common Name / Synonyms
Calcium Carbonate	1317-65-3	40-70%	Limestone
Thixotropic Agent	Not reported	15-40%	Not available
Magnesium Carbonate	546-93-0	5-10%	Not available
Crystalline Silica	14808-60-7	>1%	Quartz

Notes Not available

SECTION 4. FIRST-AID MEASURES

Inhalation When symptoms occur, go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing. Call a poison centre and seek medical attention.

Skin Contact Remove contaminated clothing. Rinse off affected area with water. Seek medical attention.

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head positioned between legs to avoid breathing in of vomit, rinse mouth and have victim drink plenty of water. Never give anything by mouth to an unconscious person. Immediately call a poison centre and seek medical attention.
Most Important Symptoms and Effects (Acute or Delayed)	Eye irritation can be serious and may cause eye damage if left untreated. May cause skin and respiratory irritation. Ingestion is likely to be harmful or have adverse effects. Product contains a low percentage of quartz in which exposure to amounts that will result in chronic symptoms is highly unlikely; however, repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis and may cause cancer.
Immediate Medical Attention and Special Treatment	If exposed or concerned, seek medical advice and attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	Do not use a heavy water stream as it may spread fire.
Specific Hazards Arising from the Product	Not flammable. Product is not explosive. No decomposition if used and stored according to specifications.
Special Protective Equipment and Precautions for Firefighters	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Firefighters should wear full protective gear. Combustion produces oxides of calcium.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Do not get in eyes or on skin. Do not breathe dust. Use appropriate personal protection equipment (PPE). Evacuate danger area. Equip cleanup crew with proper protection. In the event of a spill or leak, sweep up material. Avoid creating excessive dust and minimize material from entering water ways. Avoid release to the environment.
Methods for Containment and Cleaning Up	Avoid generation of dust during clean-up of spills. Clear up spills immediately and dispose of waste safely.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Handle in accordance with good industrial hygiene and safety procedures. Always wash hands immediately after handling this product.
Conditions for Safe Storage	Store in a dry, cool place. Incompatible with acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters	Refer to individual mixture ingredients.
Appropriate Engineering Controls	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Individual Protection Measures	Wear chemically resistant protective gloves. Safety glasses or chemical goggles as appropriate to prevent eye contact. Wear suitable chemically resistant protective clothing. Use a NIOSH-approved respirator "dust mask" in dusty conditions or whenever exposure may exceed established Occupational Exposure Limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Odour	None
Odour Threshold	Not applicable
pH	Neutral when mixed with water
Melting Point/Freezing Point	Not applicable
Initial Boiling Point/Boiling Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/Lower Flammable/Explosive Limit	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Relative Density	Not applicable
Solubility in Water	Slightly soluble in water
Solubility in Other Liquids	Not applicable
Partition Coefficient, n-Octanol / Water	Not applicable
Auto-ignition Temperature	Not applicable

Decomposition Temperature Not applicable

Viscosity Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity Not available

Chemical Stability Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions Hazardous polymerization will not occur.

Conditions to Avoid Use of product in extremely high or low temperatures will affect set times.

Incompatible Materials Acids, strong oxidizers.

Hazardous Decomposition Products Oxides of carbon and nitrogen. As in all fires, toxic and noxious fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Not toxic based on mixture ingredients.

LD50 and LC50 Data Refer to individual mixture ingredients.

Skin Corrosion/Irritation Causes skin irritation.

Serious Eye Damage/Irritation Causes serious eye irritation.

Respiratory or Skin Sensitization Product is used with Portland Cement or other caustic material which may cause an allergic skin reaction in sensitive individuals. Wet cement can dry the skin and cause chemical burns.

Germ Cell Mutagenicity Not classified

Teratogenicity	No based on mixture ingredients.
Carcinogenicity	May cause cancer (inhalation)
Specific Target Organ Toxicity (Single Exposure)	Not classified
Specific Target Organ Toxicity (Repeated Exposure)	Not classified
Reproductive Toxicity	No based on mixture ingredients.
Aspiration Hazard	Not classified
Symptoms/Injuries After Inhalation	Irritation to the respiratory tract.
Symptoms/Injuries After Skin Contact	Causes skin irritation.
Symptoms/Injuries After Eye Contact	Causes serious eye irritation. May lead to eye damage if not treated.
Symptoms/Injuries After Ingestion	Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms	Product is used with Portland Cement or other caustic material which may cause an allergic skin reaction in sensitive individuals. Wet cement can dry the skin and cause chemical burns. Product contains a low percentage of quartz in which exposure to amounts that will result in chronic symptoms is highly unlikely; however, repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis and may cause cancer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
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Persistence and Degradability	Not available
Bioaccumulative Potential	Not available
Mobility in Soil	Not available
Other Adverse Effects	Avoid release to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Dispose of material in accordance with all applicable federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.
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SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	UN Proper Shipping Name	Transport Hazard Class	Packing Group
Not regulated	Not applicable	Not applicable	Not applicable	Not applicable

Special Precautions	Not applicable
Environmental Hazards	Refer to section 12.
Transport in Bulk	Not applicable

SECTION 15. REGULATORY INFORMATION

OHSA 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.
WHMIS Rating	Class D Division 2 Subdivision B - Toxic material causing other toxic effects.
NAERG Rating	171

SECTION 16. OTHER INFORMATION

Date of Latest Revision May 12, 2017