

## SAFETY DATA SHEET – CELBEX 653

### SECTION 1. IDENTIFICATION

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<b>Product Identifier</b>	Celbex 653
<b>Other Means of Identification</b>	Cement grout additive
<b>Recommended Use</b>	Professional use only
<b>Restrictions on Use</b>	None known
<b>Supplier Identifier</b>	Multiurethanes Ltd. 5245 Creekbank Rd Mississauga, ON L4W 1N3 Canada
<b>Emergency Telephone Number</b>	1-800-663-6633

### SECTION 2. HAZARD IDENTIFICATION

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#### Classification

<u>Skin Irritation</u>	Category 2
<u>Eye Irritation</u>	Category 2B
<u>Carcinogenicity</u>	Category 1A
<u>Specific Target Organ Toxicity - Single Exposure</u>	Category 3

#### Label Elements

##### Hazard Pictograms



Signal Word DANGER

Hazard Statements Causes skin irritation.  
Causes eye irritation.

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May cause respiratory irritation.  
May cause cancer (inhalation).

### Precautionary Statements

#### **Prevention**

Wear appropriate protective equipment.  
Avoid breathing dust.  
Wash hands and exposed skin after handling.

#### **Response**

IF ON SKIN: Remove contaminated clothing. Rinse off affected area with water. If irritation or rash occurs, seek medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.

IF INHALED: Remove person to fresh air. Seek medical attention.

#### **Storage**

Store in a dry, cool place. Do not store with acids.

#### **Disposal**

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 sole responsibility of the waste generator.

### **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

### Mixture

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Concentration (% by weight)</u>	<u>Common Names / Synonyms</u>	<u>Other Identifiers</u>
Limestone	1317-65-3	40 - 70%	Not available	Not available
Thixotropic Agent	Not reported	15 - 40%	Not available	Not available
Quartz	14808-60-7	1 – 5%	Not available	Not available

### Notes

A range of concentration as prescribed by the Controlled

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Products Regulations has been used where necessary, due to varying composition.

### SECTION 4. FIRST-AID MEASURES

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<b>Inhalation</b>	When symptoms occur, go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing. Seek medical attention.
<b>Skin Contact</b>	Remove contaminated clothing. Rinse off affected area with water. If irritation develops or persists, seek medical attention.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.
<b>Ingestion</b>	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. Seek immediate medical attention.
<b>Most Important Symptoms and Effects, Acute and Delayed</b>	Eye irritation can be serious and may cause eye damage if left untreated. May cause skin and respiratory irritation. Causes irritation to the respiratory tract. 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.
<b>Indication of Immediate Medical Attention and Special Treatment Needed</b>	Treat symptomatically. If exposed or concerned, seek medical advice and attention.

### SECTION 5. FIRE-FIGHTING MEASURES

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#### Extinguishing Media

Suitable Extinguishing Media Use media suitable to the surrounding fire.

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Unsuitable  
Extinguishing Media

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**Specific Hazards Arising from the Product**

Product is not flammable and 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. Firefighters should wear full protective gear. Use water spray or fog for cooling exposed containers.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions, Protective Equipment and Emergency Procedures**

Do not get in eyes or on skin. Do not breathe dust. Use appropriate personal protective equipment. Evacuate danger area. Equip cleanup crew with proper protection.

**Methods and Material for Containment and Cleaning Up**

In the event of a spill or leak, sweep up material. Avoid generation of dust during clean-up of spills. Clear up spills immediately and dispose of waste safely.

**Notification Procedures**

Not available

**Environmental Precautions**

Avoid release to the environment.

### SECTION 7. HANDLING AND STORAGE

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**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 (including incompatibilities)**

Store in a dry, cool place. Do not store with acids.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Control Parameters – Occupational Exposure Limits**

Chemical Name	Type	Exposure Limit Values	Source
Limestone	TWA	5 mg/m <sup>3</sup>	USA OSHA PEL, USA NIOSH REL
Limestone	TWA	10 mg/m <sup>3</sup>	Canada (AB, NB, NU, NT, SK, YT) OEL
Limestone	STEL	20 mg/m <sup>3</sup>	Canada (BC, SK, YT) OEL

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Chemical Name	Type	Exposure Limit Values	Source
Limestone	TWA	3 mg/m <sup>3</sup>	Canada (BC) OEL
Limestone	Not available	10 mg/m <sup>3</sup> (Limestone, containing no Asbestos and <1% Crystalline silica)	Canada (QC) VEMP
Thixotropic Agent	TWA	5 mg/m <sup>3</sup>	USA OSHA PEL, USA NIOSH REL
Thixotropic Agent	TWA	10 mg/m <sup>3</sup>	Canada (AB, NB, NU, NT, SK, YT) OEL
Thixotropic Agent	STEL	20 mg/m <sup>3</sup>	Canada (BC, SK, YT) OEL
Thixotropic Agent	TWA	3 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)	Canada (BC) OEL
Thixotropic Agent	Not available	5 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica)	Canada (QC) VEMP
Quartz	TWA	0.025 mg/m <sup>3</sup>	USA ACGIH
Quartz	TWA	0.05 mg/m <sup>3</sup>	USA NIOSH REL
Quartz	Not available	50 mg/m <sup>3</sup>	USA IDLH
Quartz	TWA	0.025 mg/m <sup>3</sup>	Canada (AB, BC, MB, NL, NS, PE) OEL
Quartz	TWA	0.1 mg/m <sup>3</sup>	Canada (NB) OEL
Quartz	TWA	0.3 mg/m <sup>3</sup> (total mass)	Canada (NU, NT) OEL
Quartz	TWA	0.10 mg/m <sup>3</sup> (designated substances regulation)	Canada (ON) OEL
Quartz	Not available	0.1 mg/m <sup>3</sup>	Canada (QC) VEMP
Quartz	TWA	300 particle/ml	Canada (YT) OEL

### 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. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Ensure all national/local regulations are observed.

### Individual Protection Measures

#### Eye/Face Protection

Wear safety glasses with side shields or chemical goggles as appropriate to prevent eye contact.

#### Skin Protection

Wear chemically resistant protective gloves. Wear suitable chemically resistant protective clothing.

#### Respiratory Protection

Use a NIOSH-approved respirator “dust mask” in dusty conditions or whenever exposure may exceed established Occupational Exposure Limits.

#### Hygiene Measures

Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Solid white powder
<b>Odour</b>	None
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	Neutral when mixed with water
<b>Melting Point / Freezing Point</b>	Not applicable
<b>Initial Boiling Point and Boiling Range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate (BuAe = 1)</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limits</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	Not applicable
<b>Solubility in Water</b>	Slightly soluble
<b>Solubility (other)</b>	Not applicable
<b>Partition Coefficient, n-octanol / water (logKow)</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	Not applicable

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### SECTION 10. STABILITY AND REACTIVITY

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<b>Reactivity</b>	Not applicable
<b>Chemical Stability</b>	Stable under recommended handling and storage conditions (refer to section 7).
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	Use of product in extremely high or low temperatures will affect set times.
<b>Incompatible Materials</b>	Acids
<b>Hazardous Decomposition Products</b>	Oxides of calcium. As in all fires, toxic and noxious fumes.

### SECTION 11. TOXICOLOGICAL INFORMATION

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#### Information on Likely Routes of Exposure

<u>Inhalation</u>	Yes
<u>Skin Contact</u>	Yes
<u>Eye Contact</u>	Yes
<u>Ingestion</u>	Yes

#### Signs and Symptoms of Exposure

<i>Inhalation</i>
Irritation to the respiratory tract.
<i>Skin Contact</i>
Causes skin irritation.
<i>Eye Contact</i>
Causes serious eye irritation. May lead to eye damage if not treated.
<i>Ingestion</i>
Ingestion is likely to be harmful or have adverse effects.





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<b>Persistence and Degradability</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Mobility in Soil</b>	Not available
<b>Other Adverse Effects</b>	Avoid release to the environment.

### SECTION 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Methods</b>	If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. 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 sole responsibility of the waste generator.
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### SECTION 14. TRANSPORT INFORMATION

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<u>Regulation</u>	<u>UN No.</u>	<u>Proper Shipping Name</u>	<u>Technical Name (for N.O.S. entry)</u>	<u>Transport Hazard Class(es)</u>	<u>Packing Group</u>
TDG	None	Not regulated	Not regulated	Not regulated	Not regulated
49 CFR/DOT	None	Not regulated	Not regulated	Not regulated	Not regulated
IMDG	None	Not regulated	Not regulated	Not regulated	Not regulated
ICAO/IATA	None	Not regulated	Not regulated	Not regulated	Not regulated

<b>Special Precautions</b>	Not available
<b>Environmental Hazards</b>	Refer to section 12.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not available

### SECTION 15. REGULATORY INFORMATION

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#### Canadian Information

##### WHMIS

*Limestone*

Class D Division 2 Subdivision A - Very toxic material causing

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other toxic effects.

*Thixotropic Agent*  
Class E - Corrosive Material

*Quartz*  
Class D Division 2 Subdivision A - Very toxic material causing other toxic effects.  
Listed on the Canadian Ingredient Disclosure List.

### CEPA

*Limestone*  
Listed on the Non-Domestic Substances List (NDSL).

*Thixotropic Agent*  
Listed on the Domestic Substances List (DSL) inventory.

*Quartz*  
Listed on the Domestic Substances List (DSL) inventory.

### US Information

#### TSCA Inventory

*Limestone*  
Listed on the inventory.

*Thixotropic Agent*  
Listed on the inventory.

*Quartz*  
Listed on the inventory.

#### State Regulations

*Limestone*

- Idaho - Occupational Exposure Limits – TWAs
- Massachusetts - Right to Know List
- Michigan - Occupational Exposure Limits - TWAs
- Minnesota - Hazardous Substance List; Permissible Exposure Limits - TWAs
- New Jersey - Right to Know Hazardous Substance List
- Oregon - Permissible Exposure Limits - TWAs
- Pennsylvania - RTK (Right to Know) List
- Tennessee - Occupational Exposure Limits - TWAs
- Texas - Effects Screening Levels - Long Term; Effects Screening Levels - Short Term
- Vermont - Permissible Exposure Limits - TWAs
- Washington - Permissible Exposure Limits – STELs; Permissible Exposure Limits – TWAs

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### Quartz

- California - Proposition 65 - Carcinogens List: WARNING: This product contains chemicals known to the State of California to cause cancer.
- Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs); Occupational Exposure Limits - Mineral Dusts
- Illinois - Toxic Air Contaminant Carcinogens; Toxic Air Contaminants
- Maine - Chemicals of High Concern
- Massachusetts - Right to Know List
- Michigan - Occupational Exposure Limits – TWAs
- Minnesota - Chemicals of High Concern; Hazardous Substance List; Permissible Exposure Limits – TWAs
- New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour; Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) – Annual
- New Jersey - Right to Know Hazardous Substance List; Special Health Hazards Substances List
- Oregon - Permissible Exposure Limits - Mineral Dusts
- Pennsylvania - RTK (Right to Know) List
- Tennessee - Occupational Exposure Limits – TWAs
- Texas - Effects Screening Levels - Long Term; Effects Screening Levels - Short Term
- Vermont - Permissible Exposure Limits – TWAs
- Washington - Permissible Exposure Limits – STELs; Permissible Exposure Limits - TWAs

**International Information** Not available

## SECTION 16. OTHER INFORMATION

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**Date of Latest Revision** August 28, 2018

**Disclaimer** The information provided in this document is correct to the best of our knowledge, information and belief at the date of its publication. This information is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. This information is designed only as a general guidance and is not to be considered a warranty or quality specification. This information relates only to the specific material designated and may not be valid for such material used in combination

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with any other materials or in any process, unless specified above.

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**END OF SAFETY DATA SHEET**