

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
 Product name : Contact Grout (Sanded);  
 Contact Grout (Unsanded);  
 Curtain Grout;  
 Microsil 1107 Grout;  
 Microsil Anchor Grout (MAG)  
 Multit-purpose Grout;  
 Non-Shrink Grout – FAST SET;  
 Non-Shrink Grout;  
 Pier Grout;  
 Pier Grout;  
 Pull Down Pile Grout A;  
 Pull Down Pile Grout B;  
 Sulfate Resistance Grout;  
 Steath Grout;  
 Tendon Grout;  
 Tendon Grout 80;  
 Tendon Grout ULTRA;  
 Perma2000

#### 1.2. Recommended use and restrictions on use

Recommended use : Building and construction work

#### 1.3. Supplier

**Manufacturer**

Basalite Concrete Products, ULC  
 Basalite Surrey  
 13066-88th Avenue  
 Surrey, BC V3W 3K3

**Distributor**

Basalite Concrete Products, ULC  
 Basalite Surrey  
 13066-88th Avenue  
 Surrey, BC V3W 3K3

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1 (800) 424-9300

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

**Classification (GHS-CA)**

Skin Irrit. 2 H315  
 Eye Dam. 1 H318  
 Skin Sens. 1 H317  
 Carc. 1A H350  
 STOT SE 3 H335  
 STOT RE 1 H372

#### 2.2. GHS Label elements, including precautionary statements

**GHS-CA labelling**

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) :

H315 - Causes skin irritation  
 H318 - Causes serious eye damage  
 H317 - May cause an allergic skin reaction  
 H350 - May cause cancer  
 H335 - May cause respiratory irritation  
 H372 - Causes damage to organs (lungs) through prolonged or repeated exposure

Precautionary statements (GHS-CA) :

P201 - Obtain special instructions before use  
 P202 - Do not handle until all safety precautions have been read and understood.

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P260 - Do not breathe dust  
P264 - Wash hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear eye protection, face protection, protective clothing, protective gloves  
P308+P313 - IF exposed or concerned: Get medical advice/attention  
P302+P352 - IF ON SKIN: Wash with plenty of water  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P312 - Call a POISON CENTER or doctor if you feel unwell  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-CA)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Quartz	(CAS-No.) 14808-60-7	< 45
Cement, portland, chemicals	(CAS-No.) 65997-15-1	27.40 – 95.00
Calcium oxide	(CAS-No.) 1305-78-8	27.40 – 95.00
Calcium Sulfoaluminate Cement	(CAS-No.) 960375-09-1	28.85 - 36.06 <sup>1</sup>
Tridymite	(CAS-No.) 15468-32-3	0.05 - 0.24 <sup>2</sup>
Chromium, ion (Cr 6+)	(CAS-No.) 18540-29-9	< 0.1

<sup>1</sup>Only present in Non-Shrink Grout – FAST SET

<sup>2</sup>Only present in Curtain Grout

Comments : The concentrations listed represent actual ranges that result from batch variability.

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause burns in the presence of moisture. Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

### 5.3. Specific hazards arising from the hazardous product

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Silicon oxides.

### 5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Methods and materials for containment and cleaning up

For containment : Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Vacuum or sweep material and place in a disposal container. Provide ventilation.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Do not breathe dust, fume, gas, mist, spray, vapours. Avoid generating dust. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store locked up. Store in a dry, cool and well-ventilated place. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Do not store in an area equipped with emergency water sprinklers.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Cement, portland, chemicals (65997-15-1)		
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
Calcium oxide (1305-78-8)		
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Quartz (14808-60-7)		
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable particulate matter)

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Wear suitable waterproof gloves

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### Eye protection:

Wear eye/face protection

### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: No data available
Colour	: Various
Odour	: Odourless
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: No data available
Solubility	: Insoluble
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Incompatible materials. Moisture.
Incompatible materials	: Wet cement is alkaline and incompatible with acid, ammonium salts and aluminum metal.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. Silicon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.

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Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified.
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Causes damage to organs (lungs) through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause burns in the presence of moisture. Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

#### Calcium oxide (1305-78-8)

LC50 fish 1	1070 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])
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#### Chromium, ion (Cr 6+) (18540-29-9)

LC50 fish 1	36.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
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LC50 fish 2	7.6 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
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### 12.2. Persistence and degradability

#### Basalite Grout Products (Group 2)

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

#### Basalite Grout Products (Group 2)

Bioaccumulative potential	Not established.
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#### Calcium oxide (1305-78-8)

BCF fish 1	(no bioaccumulation)
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : No other effects known.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. The generation of waste should be avoided or minimized wherever possible.

## SECTION 14: Transport information

### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

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### 14.2. Transport information/DOT

No additional information available

### 14.3. Air and sea transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories except for:

Calcium Sulfoaluminate Cement	CAS-No. 960375-09-1
Tridymite	CAS-No. 15468-32-3

### 15.2. International regulations

No additional information available

## SECTION 16: Other information

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Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



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