

## Safety Data Sheet

### Designer Grout Concentrate

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#### SECTION 1: IDENTIFICATION

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Product: Designer Grout Concentrate

Product Use: Concentrate used for making designer grout colours

Manufacturer Information:

##### Ontario

111 Royal Group Crescent

Vaughan, Ontario

L4H 1X9

Tel: (416) 255-1111

Fax: (416) 255-1729

##### British Columbia

2829 Lake City Way

Burnaby, BC

V5A 2Z6

Tel: (604) 420-4914

Fax: (604) 420-0936

**IN CASE OF EMERGENCY CALL CANUTEC (613) 996-6666**

#### SECTION 2: HAZARDS IDENTIFICATION

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Classification of the chemical

No specific hazards are encountered under normal product use.

##### **GHS Signal Word**

Danger

##### **GHS Classification:**

Skin corrosion / irritation

Category 1 Causes skin irritation

Serious eye damage / eye irritation

Category 1 Causes serious eye damage

Skin sensitization

Category 1 May cause an allergic skin reaction

GHS hazard statements

Causes skin irritation may cause an allergic skin reaction, causes serious eye damage; may cause respiratory irritation; may cause cancer; causes damage to organs through prolonged or repeated exposure.

##### **GHS Precautions**

P202

Do not handle until all safety precautions have been read and understood.

P260

Do not breathe dust.

P264

Wash skin thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P272

Contaminated work clothing should not be allowed out of the workplace.

P280

Wear protective gloves and eye protection.

P302+P352.A

**If on skin:** Wash with plenty of water.

P305+P351+P338

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501

Dispose of contents/container in accordance with applicable regulations.

#### ADDITIONAL INFORMATION

##### **Hazards not otherwise classified identified during the classification process:**

None

This product contains crystalline silica (quartz sand). IARC has classified crystalline silica as a Group 1 carcinogen. Both IARC and NTP consider silica as a known human carcinogen. Evidence is based on the chronic and long-term exposure workers have had to respirable sized crystalline silica dust particles. Because this product is in liquid or paste form, it does not present a dust hazard; therefore, this classification is not relevant for this product in liquid or paste form.

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#### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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Name	% By Weight	CAS No.	Classification
Calcium Carbonate	40 - 70	1317-65-3	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3 H335
Silica Sand, Crystalline quartz	0.1 - 1.0	14808-60-7	Carc. 1A, H350 STOT RE 1, H372

#### SECTION 4: FIRST AID MEASURES

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**General** In case of accident or unwellness, seek medical attention immediately.

**Eye Contact** Flush eyes and contaminated skin with abundant water. Seek medical attention immediately.

**Skin Contact** Remove contaminated clothing immediately. Wash skin immediately with soap and abundant water.

**If Ingested** Do not induce vomiting. Drink plenty of water or milk to dilute. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

#### SECTION 5: FIRE FIGHTING MEASURES

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<b>Extinguishing Media</b>	Water spray, carbon dioxide, dry chemical or foam
<b>Unsuitable Extinguishing Media</b>	None in particular
<b>Hazardous Combustion Products</b>	Do not inhale explosion and combustion gases
<b>Explosive Properties</b>	N/A
<b>Oxidizing Properties</b>	N/A
<b>Special Firefighting Procedures</b>	Wear standard fire fighting gear with self-contained breathing apparatus.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Special Protection** Wear personal protective equipment.

**Protective Equipment** Refer to Section 8 on this Safety Data Sheet for appropriate personal protection equipment.

**Spill Clean Up Directions** Pick up solids. Mop up or absorb with an inert material. Scrape up and dispose into a disposal container. Suitable material for absorbing material, sand.

**Waste Disposal** Dispose of in accordance with local, state and federal regulations.

**Environmental Precautions** Do not allow product to enter drains or waterways. Do not allow material to contaminate ground water system. Refer to Section 13 for disposal information.

#### SECTION 7: HANDLING AND STORAGE

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Wear personal protective equipment. Avoid contact with skin and eyes, inhalation of vapours and mists.

Contaminated clothing should be changed before entering eating areas. Do not eat or drink in work areas.

Do not use any empty containers before they are cleaned.

**Protective equipment** Refer to Section 8 on this Safety Data Sheet for appropriate personal protection equipment.

Keep containers tightly closed when not in use. Wash thoroughly after handling.

**Storage** Store in a cool, adequately ventilated, dry area, avoid freezing.

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#### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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##### EXPOSURE LIMITS

Chemical Name	CAS No.	ACGIH TLV	OSHA PEL
Silica Sand, Crystalline Quartz	14808-60-7	0.025 mg/m <sup>3</sup> TWA (respirable fraction)	0.1 mg/m <sup>3</sup> TWA (respirable)
Calcium Carbonate	1317-65-3	10 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA (respirable)

##### ENGINEERING CONTROL METHODS:

**Eye Protection** Wear safety glasses with side shields

**Skin Protection** Avoid skin contact by wearing proper work gloves and long sleeved shirt.

**Hand Protection** Use protective gloves that provide comprehensive protection, e.g. P.V.C., neoprene or rubber.

**Respiratory Protection** N.A.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical state	Coloured Powder
Odour and appearance	Odourless powder
Odour threshold	N/A
Specific gravity	1.2 - 1.6
Vapour pressure	N/A
Vapour density (air=1)	N/A
Evaporation rate	N/A
Boiling point	N/A
Freezing point	N/D
pH	8 – 9 when wet
Flash point	>100°C (212°F)
Upper/Lower flammability or explosive limits	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Explosive properties	N/A
Oxidizing properties	N/A
Solubility in water	Dispersable
Solubility in oil	N/D
Octanol/Water coefficient	N/D
Calculated VOC content	0 g/LI

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#### SECTION 10: STABILITY AND REACTIVITY

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Reactivity	Will not occur
Chemical stability	Stable
Incompatible materials	N/D
Conditions to avoid	Stable under normal conditions
Hazardous decomposition products	CO, CO <sub>2</sub> and fumes.

#### SECTION 11: TOXICOLOGICAL INFORMATION

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##### Toxicological information based on the individual components.

Chemical Name	CAS No.	LD50/LC50
Silica Sand, Crystalline Quartz	14808-60-7	Oral LD50 (rat) 500 mg/kg
Calcium Carbonate	1317-65-3	Oral LD50 6450 mg/kg (rat)
Petroleum Distillate	64742-48-9	LD50 Skin Rabbit > 2000mg/kg LC50 Inhalation Rat = 460000mg/l 4h LD50 Oral Rat = 7400mg/kg

**Routes of entry** skin contact, eye contact, ingestion.

**Effects of acute exposure** irritate the eyes. Ingestion can cause irritation of the throat.

Acute toxicity	N/A.
Skin corrosion	N/A
Serious eye damage / irritation	Can cause moderate irritation
Respiratory or skin sensitization	N/A
Germ cell mutagenicity	No data available.
Carcinogenicity	This product contains crystalline silica. Crystalline silica (respirable size) is classified as carcinogenic by inhalation by : IARC (Group 1), ACGIH (Group A2), NTP (Group 1), OSHA (Select carcinogen).
Reproductive toxicity	No data available
STOT-single exposure	N/A
STOT-repeated exposure	N/A
Aspiration hazard	N/A

#### SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity	N/A
Persistence and degradability	N/A
Bioaccumulative potential	N/A
Mobility in soil	N/A
Other adverse effects	N/A
List of components with eco-toxicological properties	
Silica Sand	LC50 Aquatic acute toxicity carp> 10,000 mg/L 72h

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#### SECTION 13: DISPOSAL CONSIDERATIONS

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**Handling for disposal** Handle waste as per recommendations in Section 7.

Dispose of in an approved landfill. Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

#### SECTION 14: TRANSPORT INFORMATION

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Consult Bill of Lading for transportation information.

Canadian TDG : not regulated

US DOT: not regulated

IATA: not regulated

#### SECTION 15: REGULATORY INFORMATION

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##### Canadian Information:

Canadian WHMIS Classification: This product is a WHMIS Controlled Product. It meets one or more of the criteria for a controlled product provided in Part IV of the Controlled Products Regulations (CPR). Refer to Section 2 for a WHMIS Classification for this product.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on either the Domestic Substances List (DSL) or the Non- Domestic Substances List (NDSL). It contains components listed on the Canadian HPA Ingredient Disclosure List. It contains Crystalline silica, quartz.

##### US Federal Information:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above the minimum concentrations.

##### U.S. State Right To Know Laws

California Proposition 65:

Warning! This product contains a chemical known to the State of California to cause cancer. It contains Crystalline silica, quartz.

Lithium Carbonate      Listed as reproductive toxicant

Other State Right to Know Law:

MA      Limestone, Crystalline Silica, Quartz

NJ      Limestone, Crystalline Silica, Quartz

PA      Limestone, Crystalline Silica, Quartz

MN      Limestone, Crystalline Silica, Quartz

RI      Limestone, Crystalline Silica, Quartz

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#### SECTION 16: OTHER INFORMATION

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This Safety Data Sheet is prepared to comply with the Canadian Workplace Hazardous Materials Information System (WHMIS) and the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

**HMIS rating: Health -- 1 Flammability -- 1 Reactivity -- 0**

See **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION** for personal protective equipment recommendations.

#### PREPARATION DATE OF SAFETY DATA SHEET

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**Prepared by** Technical department

**Phone number of preparer** (416) 255-1111 FAX: (416) 255-1729

**Date prepared** 13th January, 2017

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