

Safety Data Sheet

Designer Grout Concentrate

SECTION 1: IDENTIFICATION

Product: Designer Grout Concentrate

Product Use: Concentrate used for making designer grout colours

Manufacturer Information:

Ontario

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Quebec

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

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical

No specific hazards are encountered under normal product use.

GHS Signal Word

Danger

GHS Classification:

Skin corrosion / irritation
Serious eye damage / eye irritation
Skin sensitization
GHS hazard statements

Category 1 Causes skin irritation
Category 1 Causes serious eye damage
Category 1 May cause an allergic skin reaction
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

| 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

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

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

EXPOSURE LIMITS

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

| | |
|----------------------------------------------|------------------|
| 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

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

| | |
|------------------------------------------------------|----------------------------------------------------|
| 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

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

Consult Bill of Lading for transportation information.

Canadian TDG : not regulated

US DOT: not regulated

IATA: not regulated

SECTION 15: REGULATORY INFORMATION

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

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

Prepared by Technical department

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

Date prepared 13th January, 2017

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