

SECTION 1. IDENTIFICATION

Product Name: SOLHYDGROUT TX

Product Code: N/A

Other Means of Identification: Data not available

Details of the Manufacturer or Supplier

Supplier Name:

BMQ SOLUTIONS / BMQ SOLUTIONS is part of the Amrize brand family

Address:

2909 Montée de Powerscourt, Hinchinbrooke, Quebec J0S 1A0

Emergency Contact Number:

CANUTEC, 613-996-6666, 24HR/7 Days

Marc Charlebois, 888-765-4927

Recommended Use and Restrictions on Use

Recommended Use:

Cementitious grout.

SOLHYDGROUT TX is designed for precision grouting applications requiring a flowable consistency, non-shrink properties, and high durability.

Restrictions on Use:

For industrial and professional users only.

SECTION 2. HAZARD IDENTIFICATION

GHS Classification in Accordance with Hazardous Products Regulations (HPR):

Not classified as a hazardous substance or hazardous mixture under the Globally Harmonized System (GHS).

Globally Harmonized System (GHS).

GHS Label Elements

Not classified as a hazardous substance or mixture according to the Globally Harmonized System (GHS).

Other hazards

None known to us.

Classifications

Acute toxicity (oral) – Category 4

Skin irritation – Category 2

Serious eye damage – Category 1

Respiratory sensitization – Category 1

Skin sensitization – Category 1

Carcinogenicity – Category 1A

Reproductive toxicity – Category 1B

Specific target organ toxicity (single exposure) – Category 3

Specific target organ toxicity (repeated exposure) – Category 1

Label elements



Danger

Hazard statements:

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

May cause cancer.

May damage fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

May cause respiratory irritation.

Precautionary statements:

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

Wash hands thoroughly after handling.

Do not allow contaminated work clothing to leave the workplace.

Obtain special instructions before use.

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

Wear protective gloves/clothing/eye and face protection.

Use only outdoors or in a well-ventilated area.

Do not breathe dust.

First Aid Measures:

IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth.

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 physician.

IF ON SKIN: Wash thoroughly with water. Immediately remove contaminated clothing and wash before reuse. If skin irritation occurs, seek medical advice/attention.

IF INHALED: Move the person to fresh air and keep them in a position comfortable for breathing.

Call a POISON CENTER or physician if feeling unwell.

Storage:

Store in a well-ventilated place.

Keep container tightly closed.

Disposal:

Dispose of contents and container in accordance with local, regional, national, and international regulations.

Other Hazards:

Contains ingredients (in powdered form) suspected of causing cancer due to overexposure to dust and respirable fractions.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Nature: Powder blend

Components:

Chemical Name*	CASE Number	%	Other Identifiers
Portland Cement	65997-15-1	90-100	

SECTION 4. FIRST AID MEASURES

First Aid Measures

Inhalation

Move the affected person to fresh air.

Seek medical attention if feeling unwell.

Skin Contact

Rinse immediately with lukewarm, gently running water for 15–20 minutes.

Eye Contact

Rinse immediately the contaminated eye(s) with lukewarm, gently running water for 15–20 minutes, keeping the eyelids open.

Remove contact lenses if present and easily removable.

Seek medical attention if eye irritation persists.

Ingestion

Do not give anything by mouth if the person loses consciousness rapidly, is unconscious, or is convulsing.

Do not induce vomiting.

Seek medical attention if feeling unwell or concerned.

Most Important Symptoms and Effects, Acute and Delayed

Eye Contact: May cause thermal burns due to heat released during reaction with water.

Symptoms include pain, redness, and swelling.

Skin Contact: May cause skin and eye irritation.

Can cause burns in the presence of moisture; do not allow product to harden on or have prolonged contact with skin or body parts.

Inhalation: May cause respiratory irritation.

Immediate Medical Attention and Special Treatment

Target Organs

Respiratory system, eyes, skin

Special Instructions

Symptoms may not appear immediately

Medical Conditions Aggravated by Exposure

Respiratory conditions, skin conditions

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Non-combustible

Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

This product presents no unusual fire hazards.

Not known to produce hazardous decomposition products in case of fire.

May include, but is not limited to, carbon oxides.

Special Protective Equipment and Precautions for Firefighters

Approach fire from upwind to avoid hazardous vapors or gases.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this Safety Data Sheet.

Evacuate the area immediately.

Isolate the hazard zone.

Keep unnecessary and unprotected personnel away.

Environmental Precautions

Do not allow the product to enter drains, soil, or waterways.

Minimize water usage to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up

Do not direct water at the spill or source.

Avoid generating dust.

Avoid dry sweeping.

If needed, use a dust suppressant such as water.

Do not use compressed air for cleanup.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid generating dust.

Use adequate ventilation and respiratory protection where dust or fumes may be generated.

Avoid repeated or prolonged skin contact.

Do not get in eyes.

Do not use compressed air to clean clothing or equipment.

Conditions for Safe Storage

Protect from the conditions listed in Section 10 (Stability and Reactivity).

Store in the original labeled container.

Avoid dust accumulation.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

| Chemical Name | ACGIH TLV® | OSHA PEL | AIHA | WEEL | | :--- | :--- | :--- | :--- | :--- | |
Portland Cement | **VEMP** | **VECD** | **Ceiling** | **VEMP 8 h** | | 1 mg/m³ (E) RSEN | | 15 mg/m³ (E) RSEN | |

Appropriate Engineering Controls

Avoid breathing dust.

Keep exposure levels below occupational exposure limits.

Use local exhaust ventilation if general ventilation is insufficient to control airborne concentrations.

Personal Protective Equipment (PPE)

Eye/Face Protection

Wear safety goggles and a face shield where contact is possible.

Skin Protection

Wear appropriate impermeable gloves.

Wear chemical protective clothing, such as gloves, aprons, and boots.

Respiratory Protection

Use a NIOSH-approved particulate respirator equipped with N95, R95, or P95 filters.

Where ventilation is inadequate, use a NIOSH-approved air-purifying respirator with N100, R100, or P100 filters.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

| Appearance | Dark gray-brown fine powder |

| Odor | Not available |

| Odor threshold | Not available |

| pH | 10.5-11.5 |

| Melting point/Freezing point | Not available (melting); Not available (freezing) |

| Initial boiling point / range | Not available |

| Flash point | Not applicable |

| Evaporation rate | Not applicable |

| Flammability (solid, gas) | Will not burn |

| Upper/lower flammability or explosive limits | Not applicable (upper); Not applicable (lower) |

| Vapor pressure| Not applicable |

| Vapor density (air = 1) | Not available |

| Relative density (water = 1) | 2.7-3.05 at 20°C |

| Solubility | Dispersible in water |

| | Not applicable (in other liquids) |

| Auto-ignition temperature | Not applicable |

| Decomposition temperature | Not available |

| Other information | | | Physical state | Solid – Powder|

SECTION 10. STABILITY AND REACTIVITY Reactivity

Non-reactive under normal use conditions. Reacts with water – generates heat and hardens.

Chemical stability

Normally stable.

May cause serious eye damage based on information from closely related materials.

Symptoms may include painful, red, and watery eyes.

STOT (Specific Target Organ Toxicity) – Single Exposure

Inhalation

May cause respiratory tract irritation.

Dermal Absorption

May cause effects similar to inhalation.

Symptoms may include redness, rash, swelling, and itching.

Thermal burns may occur due to heat released during reaction with water.

Ingestion

May cause irritation of the mouth, throat, and stomach.

Symptoms may include nausea, vomiting, stomach cramps, and diarrhea.

STOT (Specific Target Organ Toxicity) – Repeated Exposure

May cause respiratory tract irritation.

Respiratory tract damage has been observed.

Respiratory and/or Skin Sensitization

Human experience indicates rare cases of allergic skin reaction (skin sensitization) following occupational exposure.

Carcinogenicity

| Chemical Name | IARC | ACGIH® | NTP | OSHA | | :--- | :--- | :--- | :--- | :--- | | **Silice, quartz** |
Group 1 | A2 | | | **Portland Cement** | | A4 | | | May cause cancer based on information from
closely related chemicals

Known to cause: lung cancer

Reproductive toxicity

Offspring development

Conclusions cannot be drawn from the limited studies available

Sexual function and fertility

Conclusions cannot be drawn from the limited studies available

Effects on or via breastfeeding

No information found

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No information found

May cause long-term adverse effects in the aquatic environment

Persistence and degradability

No information found

Bioaccumulative potential

No information found

Mobility in soil

No information found

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national, and international regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations

Special Precautions

Not applicable

Bulk transport in accordance with Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, health, and environmental regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations, and this SDS contains all required information under those regulations.

Canada

WHMIS 1988 Classification:

Class T

Class D2A; D2B

Class E

D2A – Very toxic (chronic toxicity); D2B – Toxic (skin and eye irritant); E – Corrosive

SECTION 16. OTHER INFORMATION

| NFPA Classification | Flammability – 0 |

| | Health – 1 |

| | Instability – 0 |

| SDS prepared by | BMQ SOLUTIONS |

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| Key abbreviations|ACGIH® = American Conference of Governmental Industrial Hygienists|

| | AIHA® = AIHA® Guideline Foundation |

| | OSHA = US Occupational Safety and Health Administration |

| References | CHEMINFO Database |

| | Canadian Centre for Occupational Health and Safety (CCOHS) |

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