



STRUCTUROC TOPPING

SECTION 1: IDENTIFICATION

Product identifier	STRUCTUROC TOPPING
Other means of identification	SOL-ROC-TOP
Recommended use	Quick setting cement repair mortar.
Manufacturer/Supplier Identifier	BMQ SOLUTIONS, 1522 Boulevard des Laurentides, Laval, Qc, H7M 2N7, Marc Charlebois, 877-267-7249
Supplier identifier	BMQ SOLUTIONS, 1522 Boulevard des Laurentides, Laval, Qc, H7M 2N7, Marc Charlebois, 877-267-7249
Emergency telephone number	Marc Charlebois, 514-705-7198, 24 Hours / 7 Days CANUTEC, 613-996-6666, 24HR/7Days
SDS number	01370022
Date of preparation	May 3, 2016

SECTION 2: HAZARDS IDENTIFICATION

Classified according to the Canadian Hazardous Products Regulations (WMIS 2015).

Classification

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 statement(s): Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

May cause a skin allergy.

May cause cancer.

May harm fertility or the fetus.

Known risk of serious damage to organs following repeated or prolonged exposure.

May irritate the respiratory tract.

Prevention: Do

not eat, drink or smoke while handling this product.

Wash hands thoroughly after handling.

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

Obtain instructions before use.

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

Wear protective gloves/protective clothing/eye protection/face protection.

Use only outdoors or in a well-ventilated area.

Do not breathe dust.

Intervention:

IF SWALLOWED: Call a Poison Control Center or doctor immediately.

Rinse your mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim wears them and they can be easily removed. Continue rinsing.

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Call a Poison Control Center or doctor immediately.

ON SKIN: Wash with plenty of water/Immediately remove all contaminated clothing and wash before reuse.

In case of skin irritation: Seek medical advice or consult a doctor.

IF INHALED: Remove person to fresh air and keep in a position where they can breathe comfortably.

Rinse your mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim wears them and they can be easily removed. Continue rinsing.

Call a Poison Control Center or doctor immediately.

IF ON SKIN: Wash with plenty of water/Immediately remove all contaminated clothing and wash before reuse.

In case of skin irritation: Seek medical advice or consult a doctor.

IF INHALED: Remove person to fresh air and keep in a position where they can breathe comfortably.

Call a Poison Control Center or doctor if you feel unwell.

Storage :

Store in a well-ventilated area. Keep the container tightly closed.

Keep under lock and key. Disposal:

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

Other hazards This product contains powdered ingredients that are suspected of causing cancer when there is overexposure to the powder.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Blend:

Chemical name	CAS number	%	Other identifiers
Silica, quartz	14808-60-7	<68	
Portland cement	65997-15-1	<58	

SECTION 4: FIRST AID

First aid measures

Inhalation

Remove to fresh air. Seek medical advice or consult a doctor if you feel unwell. May cause respiratory tract irritation or lung damage.

Skin contact

Rinse immediately with lukewarm water, gently, for 15 to 20 minutes. Seek medical advice or consult a doctor if you feel unwell or have any concerns. Thoroughly wash clothing, shoes and leather items before reuse or dispose of them safely.

Eye Contact

Immediately rinse contaminated eyes with lukewarm water, gently, for 15 to 20 minutes, while holding the eyelids open. Remove contact lenses if the victim wears them and they can be easily removed. If eye irritation persists, seek medical advice or consult a doctor. Seek medical attention for abrasion and burns.

Ingestion

Never give anything by mouth to a person who is losing consciousness, is unconscious, or is having convulsions. Do not induce vomiting. Seek medical attention if you feel unwell or are concerned. If vomiting is unavoidable, prevent aspiration by holding the victim's head below the knee and give several glasses of water, if conscious.

Most important symptoms and effects, whether acute or delayed

In case of eye contact: May cause thermal burns from heat released on contact with water. Symptoms include pain, redness, and swelling. In case of skin contact: May cause skin and eye irritation May cause burns in presence of moisture Do not allow product to harden or have prolonged contact with skin or around body parts if inhaled : may cause respiratory tract irritation.

Immediate medical attention or special treatment

Target organs

Respiratory system, eyes, skin.

Special instructions

Symptoms may not appear immediately.

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Special instructions Symptoms

may not appear immediately.

Health problems aggravated by exposure to the product Respiratory disorders, skin disorders.

SECTION 5: MEASURES TO TAKE IN CASE OF FIRE

Extinguishing media

Suitable extinguishing media Non-combustible. Use an extinguishing agent appropriate for the surrounding fire.

Unsuitable extinguishing agents None known.

Specific product hazards This product does not present any particular risk in the event of a fire. Not expected to release any hazardous decomposition products in a fire. may include but not limited to Oxides of carbon.

Personal protective equipment and precautions for firefighters Approach fire upwind to avoid hazardous vapors or gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency measures Use the personal protective equipment recommended in Section 8 of this safety data sheet and evacuate the area immediately. Isolate the danger zone. Do not allow unnecessary or unprotected personnel to enter.

Environmental precautions

Prevent entry into sewers, soil, or watercourses. Minimize water use to prevent environmental contamination.

Methods and materials for containment and cleaning up Do not splash water on spill or source of spill. Avoid generating dust. Avoid dry sweeping. If necessary, use a dust suppressant such as water. Do not use compressed air for cleaning.

SECTION 7: HANDLING AND STORAGE

Safety Precautions for Handling

Avoid generating dust. Use adequate ventilation and respiratory protection if dust or vapors are present, avoid repeated or prolonged skin contact. Avoid contact with eyes. Do not use compressed air to clean clothing or equipment, etc. Do not inhale this product.

Safe Storage Conditions Protect from the conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Store in the original labeled shipping container. Avoid accumulation of dust.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Settings

Chemical name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Silica, quartz	0.025 mg/m3 A2 RSEN		0.1 mg/m3			
Portland cement	1 mg/m3 (E) RSEN		15 mg/m3 (E) RSEN			

Appropriate engineering controls Keep exposure limits below recommended exposure limits Keep exposure levels below exposure limits Allow use of local exhaust ventilation system, if general ventilation is not enough to control the quantity of product in the air.

Individual protection measures

Eye and face protection Wear chemical goggles and face shield if contact is possible.

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Eye and face protection Wear chemical goggles and face shield if contact is possible.

Skin protection Wear suitable impervious gloves Wear chemical protective clothing (e.g. gloves, aprons, boots).

Respiratory Protection Wear a NIOSH approved particulate respirator with an N95, R95 or P95 filter. When ventilation is inadequate, wear a NIOSH approved air-purifying respirator equipped with N100, R100 or P100 filters.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Basic physical and chemical properties Appearance Fine gray	
- dark brown powder.	
Odor Not available Not available	
Olfactory threshold	
pH	10.5 - 11.5
Melting Point/Freezing Point	Not available (merge); Not available (freezing)
Initial boiling point and boiling range	Not available
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solids and gases)	Does not burn.
Upper/Lower Limits of Flammability or Explosibility	Not applicable (higher); Not applicable (lower)
Vapor pressure	Not applicable
Vapor density	Not available 2.7 -
Relative density (water = 1)	3.0 at 20°C
Solubility	Dispersible in water; Insoluble in ketones (e.g. acetone).
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Other information Physical state	
Solid	

SECTION 10: STABILITY AND REACTIVITY

Reactivity	
Non-reactive under normal conditions of use. Reacts in the presence of water will heat and harden.	
Chemical stability	
Usually stable. Keep in a dry place.	
Risk of hazardous reactions None expected	
under normal conditions of storage and use.	
Conditions to avoid	
Incompatible materials. Water, water content or humidity.	
Incompatible materials Unknown.	
In the presence of water, corrosive to: aluminum alloys.	
Hazardous decomposition products May include,	
but not limited to: production of carbon oxides.	

SECTION 11: TOXICOLOGICAL DATA

Likely routes of exposure Inhalation; skin contact; absorption through the skin; eye contact; ingestion.

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Likely routes of exposure Inhalation;

skin contact; absorption through the skin; eye contact; ingestion.

Acute toxicity

Chemical name	CL50	LD50 (oral)	LD50 (cutaneous)
Silica, quartz		500 mg/kg (rat) (dust)	

Skin Corrosion/Irritation

May cause moderate to severe irritation based on information for very similar materials. May cause moderate to severe irritation based on information for very similar materials. May burn skin. May cause permanent scarring.

Serious Eye Damage/Eye Irritation

May cause serious eye damage based on information for very similar materials. Symptoms include red, painful, and watery eyes. May cause corneal damage or blindness.

Specific Target Organ Toxicity - Single Exposure

Inhalation

May cause respiratory tract irritation. Symptoms include burning, sneezing and coughing.

Skin absorption

May cause effects as described for inhalation. Symptoms may include redness, rash, swelling and itching. Thermal burns caused by heat released during reaction with water.

Ingestion

May cause irritation to the mouth, throat and stomach. Symptoms may include nausea, vomiting, abdominal cramps and diarrhea.

Specific target organ toxicity - Repeated exposure

May cause irritation of the respiratory system. Cases of respiratory tract damage have been observed. May cause skin irritation.

Respiratory or skin sensitization

Repeated or prolonged exposure can irritate or burn the skin. Severe exposure can cause lung damage, suffocation, unconsciousness and death.

Carcinogenicity

Chemical name	CIRC	ACGIH®	NTP	OSHA
Silica, quartz	Group 1	A2		
Portland cement		A4		

May cause cancer, based on information for very similar chemicals. Known to cause: lung cancer.

Reproductive toxicity Development

of offspring The limited studies that are available do not allow conclusions to be drawn.

Sexual function and fertility

The limited studies that are available do not allow conclusions to be drawn.

Effects on or via breastfeeding

No information was found.

SECTION 12: ECOLOGICAL DATA Ecotoxicity

No information was found. May cause long-term adverse effects in the aquatic environment.

Persistence and degradation

It is considered not to degrade rapidly, because no data relating to its degradability is available.

Bioaccumulation potential

No information was found.

Mobility in the ground

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Mobility in the ground

No information was found.

SECTION 13: DISPOSAL DATA

Elimination methods

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

SECTION 14: TRANSPORT INFORMATION

Not governed by the Canadian Transportation of Dangerous Goods Regulations.

Special precautions Not applicable **Transport**

in bulk under Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: REGULATORY INFORMATION

Regulations relating to safety, health and the environment This product is classified according to the criteria for hazardous materials in the list of regulations for Hazardous Products.

Canada

WHMIS Classification 1988



Category D2A; Category E
D2B

D2A - Very toxic materials (Chronic toxicity); D2B - Toxic materials (Skin irritation; Eye irritation);
E - Corrosive materials

SECTION 16: OTHER INFORMATION

NFPA Hazard Rating	Health - 1	Flammability - 0	Instability - 0
SDS prepared by	BMQ SOLUTIONS SOLHYDROC		

Phone number 877-276-7249

Preparation date May 3, 2016

Date of most recent revised version June 30, 2016

Meaning of abbreviations

References

Notice

ACGIH® = American Conference of Governmental Industrial Hygienists AIHA® = AIHA® Guideline Foundation. OSHA = United States Occupational Safety and Health Administration
CHEMINFO Database. Canadian Center for Occupational Health and Safety (CCOHS).
We believe the above information to be accurate. However, we decline all responsibility for the reliability and use of these

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