



SECTION 1 - IDENTIFICATION

<p>Manufacturer: Black Swan Mfg. Co. 4540 W. Thomas St. Chicago, IL 60651-3318 Tel.: 800-252-5796 Fax: 773-227-3705 Web Site : www.blackswanmfg.com E-mail : info@blackswanmfg.com</p>	<p>For any Transportation or Medical Chemical Emergencies call:</p> <p style="text-align: center;">INFOTRAC</p> <p style="text-align: center;">(800) 535-5053 OR (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
<p>Product Name: Tile Grout</p>	<p>Recommended Use: For grouting, sealing, and repairing sink tops, tile floors and showers.</p>

SECTION 2 – HAZARD(S) IDENTIFICATION

<p>Labels</p> <p>Corrosive Irritant Health Hazard</p> <p>Signal Word Danger</p> <p>HMIS</p> <table border="1"> <tr><td>HEALTH</td><td>1</td></tr> <tr><td>FLAMMABILITY</td><td>0</td></tr> <tr><td>REACTIVITY</td><td>1</td></tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	1	<p>NFPA</p> <table border="1"> <tr> <td>HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material</td> <td>FIRE HAZARD Flash Points 4 – Below 73°F 3 – Below 100°F 2 – Above 100°F, Not exceeding 200°F 1 – Above 200°F 0 – Will not burn</td> </tr> <tr> <td>SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER Radioactive</td> <td>REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable</td> </tr> </table>	HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material	FIRE HAZARD Flash Points 4 – Below 73°F 3 – Below 100°F 2 – Above 100°F, Not exceeding 200°F 1 – Above 200°F 0 – Will not burn	SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER Radioactive	REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable	<p>GHS Classification</p> <table border="1"> <tr> <td>Health Acute Toxicity: Not Established Skin Irritation: Cat. 2 Eye Irritation: Not Established Skin Sensitization: Cat. 1</td> <td>Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</td> </tr> <tr> <td colspan="2">Physical None</td> </tr> </table>	Health Acute Toxicity: Not Established Skin Irritation: Cat. 2 Eye Irritation: Not Established Skin Sensitization: Cat. 1	Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established	Physical None	
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<p>Hazardous Statements</p> <p>H303: May be harmful if swallowed H315: Causes skin irritation H317: May cause an allergic skin reaction H318: Causes serious eye damage H335: May cause respiratory irritation H342: Causes damage to organs through prolonged or repeated exposure H350: May cause cancer</p>	<p>Precautionary Statements</p> <p>P102: Keep out of reach of children P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P260: Do not breathe dust P262: Do not get in eyes, on skin, or on clothing P264: Wash 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 work place P280: Wear protective gloves, protective clothing, eye protection, face protection</p>															

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemicals</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>REACH</u> <u>Pre-registration Number</u>	<u>Approx %</u>
SILICA, CRYSTALLINE, QUARTZ	14808-60-7	N/A	N/A	0.1-1%
CALCIUM CARBONATE	1317-65-3	N/A	N/A	30-70%
MAGNESIUM OXIDE	1309-48-4	N/A	N/A	0.5-1.5%
TITANIUM DIOXIDE	13463-67-7	N/A	N/A	0.1-1%
PORTLAND CEMENT	65997-15-1	N/A	N/A	30-70%

*Unlisted ingredients are not classified as hazardous according to OSHA 1910.1200.

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SECTION 4 – FIRST-AID MEASURES

Inhalation: Remove person immediately to fresh air, give artificial respiration as needed. Get prompt medical attention.
Skin: Wash exposed skin areas with soap and water. If irritation or inflammation occurs seek prompt medical attention.
Eyes: Flush with copious amounts of water for fifteen minutes. Do not rub eyes. If irritation persists get medical assistance.
Ingestion: Immediately seek medical advice. Give milk or egg white beaten with water until vomit fluid is clear. If vomiting does not occur induce vomiting by gagging the victim (by placing a finger at the back of the throat). **DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: None known.
Combustion Products: May include, and are not limited to: oxides of carbon.
Extinguishing Media: Treat for surrounding material. Carbon Dioxide, Dry Chemical Powder, Foam, Water.
Unsuitable Extinguishing Media: None known.
Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.
Special Fire Fighting Procedures: Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Prevent contact with skin or eyes.
Protective Equipment: Wear suitable respiratory protective equipment.
Emergency Procedures: None.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: Vacuum any spills with HEPA type vacuum cleaner. Avoid creating dust. Do not wash down any drains or sewer lines as it may solidify and harden in the drain.

SECTION 7 – HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
Avoid contact with eyes and skin. Wash thoroughly after handling. Do not eat, drink or smoke in the work area.	Keep out of reach of children. Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container closed when not in use. Incompatible Materials: Organic and inorganic acids. Acid will react with cement and carbonates.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

<u>Hazardous Chemicals</u>	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
SILICA, CRYSTALLINE, QUARTZ	0.025 mg/m ³	N/A	Resp - 10 mg/m ³
CALCIUM CARBONATE	1 mg/m ³	N/A	Resp -15 mg/m ³
MAGNESIUM OXIDE	10 mg/m ³	N/A	Resp -15 mg/m ³
TITANIUM DIOXIDE	10 mg/m ³	N/A	Resp -15 mg/m ³
PORTLAND CEMENT	10 mg/m ³	N/A	Resp -15 mg/m ³

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact.
Ventilation: Use with adequate ventilation.
Personal Protective Equipment – Respiratory: A NIOSH approved particulate mask is recommended.
Personal Protective Equipment – Skin: Neoprene gloves/protective clothing.
Personal Protective Equipment – Eyes: Safety glasses.

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SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: White	Flash Point: Not Established	Vapor Pressure: Not Established
Odor: Odorless	Specific Gravity: 2.65	Flammability: Not Established
pH: Not Established	Solubility (H2O): Soluble	Flammability Limits: LEL – Not Established UEL – Not Established
Melting Point: Not Established	Evaporation Rate: Not Established	
Freezing Point: Not Established	Vapor Density: Not Established	
Boiling Point: Not Established	VOC: 0 g/l	

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: None.

Incompatible materials: Organic and inorganic acids. Acid will react with cement and carbonates.

Hazardous decomposition products: None.

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Chemicals	Toxicity	
	LD₅₀	LC₅₀
SILICA, CRYSTALLINE, QUARTZ	Oral 500 mg/kg (rat)	N/A
PORTLAND CEMENT	N/A	N/A
MAGNESIUM OXIDE	N/A	N/A
TITANIUM DIOXIDE	Oral 1000 mg/kg (rat)	N/A
CALCIUM CARBONATE	Oral 6450 mg/kg (rat)	N/A

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact and Ingestion.

Symptoms and Effect - Inhalation: May cause coughing, shortness of breath, wheezing and pulmonary disease. **Skin Contact:** May cause rash and redness. **Eye Contact:** Can cause rash and redness. May cause corneal abrasion. **Ingestion:** None.

Long-Term Effect: Excessive and/or long term inhalation may cause silicosis and/or lung disease.

Pre-Existing Conditions: None.

Carcinogen: Yes.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Persistence & Degradability: None known.

Bioaccumulative Potential: None known.

Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of 0g/l.

SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Not Regulated.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: Carcinogen.

Risk Phrases: None.

Safety Phrases: S2-Keep out of reach of children.

SECTION 16 – OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Mfg. Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets.

DATE: 01/01/2021