

# MATERIAL SAFETY DATA SHEET

205X 5-XTRA Marble Polishing Powder



## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** 205X 5-XTRA Marble Polishing Powder

**Importer:** GranQuartz, L.P.

**Address:** P.O. Box 2206  
Tucker, GA 30085-2206/USA

**24-Hour Emergency Telephone Number:**  
**1-800-255-3924 (USA & Canada) or 813-248-0585**

**MSDS#:** 1018

**Prepared:** 11/26/03

**By:** GranQuartz, L.P.

For additional product information call GranQuartz at 800-458-6222 or 770-621-9777 during regular business hours.

## Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Material	Content
127-95-7	Potassium acid oxalate	50% - 80%
1344-28-1	Aluminum oxide	
51274-00-1	Color oxides	
9000-16-2	Natural resins	

This material is classified as hazardous under OSHA regulations.

(See Section 8 for exposure guidelines)

## Section 3: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Yellowish crystals and pieces. Odorless. Harmful in contact with skin and if swallowed.

### POTENTIAL HEALTH EFFECTS

**Inhalation:** Dust can irritate the nose and throat, causing sore throat, coughing, and difficulty breathing.

**Skin Contact:** Exposure may cause skin irritation, especially after prolonged exposure.

**Eye Contact:** Dust can cause eye irritation.

**Ingestion:** Corrosive. May cause sore throat, abdominal pain, nausea, and severe burns of the mouth, throat, and stomach. Severe exposures can lead to shock, circulatory collapse, and death.

**Long Term or Repeated Exposure:** No data found.

**Aggravated Medical Condition:** Persons with pre-existing skin disorders, eye problems, or respiratory function may be more susceptible to the effects of the substance.

**Carcinogenicity:** None

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## POTENTIAL ENVIRONMENTAL EFFECTS

No data found.

## Section 4: FIRST AID MEASURES

**Inhalation:** Remove source of contamination or move victim to fresh air.

**Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes, by the clock, holding the eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation persists, obtain medical attention immediately.

**Skin Contact:** Remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). As quickly as possible, flush contaminated area with plenty lukewarm, gently flowing water for at least 10, by the clock. If irritation persists, obtain medical attention immediately. Completely decontaminate clothing, shoes, and leather goods before reuse or discard.

**Ingestion:** NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink 240 to 300 mL (8 to 10 oz.) of water. If vomiting occurs naturally, rinse mouth and repeat administration of water. If breathing has stopped, trained personnel should begin artificial respiration or, if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Transport victim to an emergency facility immediately.

Additional treatment: Do not delay medical attention to give additional first aid, but the following procedure may be helpful if materials are readily available. If victim is conscious give immediately, by mouth, a few glasses of milk or a dilute solution of any soluble calcium salt: calcium lactate, lime water, finely pulverized chalk or plaster. Large amounts of calcium are required to inactivate oxalate by precipitating it as the insoluble calcium oxalate salt. DO NOT INDUCE VOMITING.

## Section 5: FIRE FIGHTING MEASURES

**Flash Point:** Not Applicable

**Explosive Limits: Lower:** Not Applicable  
**Upper:** Not Applicable

**Extinguishing Media:** Use any means suitable for surrounding fire.

**Protection of Firefighters:** Wear full fire-fighting turnout gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire-exposed containers and to protect personnel.

**Fire and Explosion Hazards:** Product is not considered to be an explosion hazard. However, contact with most metals causes formation of flammable and explosive hydrogen gas.

**Combustion and Thermal Decomposition Products:** Carbon monoxide, carbon dioxide, and formic acid. Fumes may be highly toxic and irritating.

## Section 6: ACCIDENTAL RELEASE MEASURES

**Spill:** Sweep or shovel spilled substance into clean, dry, labeled containers and cover. Wash away remainder with plenty of water.

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## Section 7: HANDLING AND STORAGE

**Handling:** Use dust-tight containers. Prevent accumulations of dust. Prevent release of mists or dusts into workplace air. Label containers. Keep containers closed when not in use. Empty containers may contain residues which are hazardous.

**Storage:** Store in a cool, dry, well-ventilated area, out of direct sunlight. Separate from oxidizing materials, strong bases, and alkali metals.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use general or local exhaust ventilation to keep dust below exposure limits.

**Respiratory Protection:** Not necessary for normal use.

**Skin Protection:** Wear chemical-resistant gloves and clothing to prevent skin contact.

**Eye/face Protection:** Wear chemical splash goggles and/or a full face shield.

**General Hygiene Considerations:** Do not eat drink, or smoke during work. Wash hands frequently, before breaks, and after use.

### EXPOSURE GUIDELINES

**OSHA PEL:** Not Established

**ACGIH TLV:** Not Established

**NIOSH REL:** Not Established

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Yellowish crystals
<b>Odor:</b>	None
<b>pH:</b>	2.7 (0.1 M solution)
<b>Vapor Pressure:</b>	Not applicable
<b>Vapor Density (air = 1):</b>	Not applicable
<b>Boiling Point:</b>	Not applicable (does not form vapor)
<b>Melting Point:</b>	Decomposes when heated
<b>Solubility in Water:</b>	Moderately soluble (2.5 g/100 mL)
<b>Specific Gravity (water = 1):</b>	2.0

## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable at normal temperature and pressure.

**Incompatibility Hazards:** Avoid bases, alkali metals, and strong oxidizing materials.

**Hazardous Decomposition Products:** No information available.

**Hazardous Polymerization:** Will not occur

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## Section 11: TOXICOLOGICAL INFORMATION

**Toxicology:** No data available.

**Carcinogenicity:** No data available.

## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** No information found.

## Section 13: DISPOSAL CONSIDERATIONS

**Product Disposal:** Do not dispose to sewer. Product forms a medium strong acid when wet. Dispose of in an approved waste disposal facility in compliance with all local, state, and federal regulations.

## Section 14: TRANSPORT INFORMATION

### DOT

Not specifically listed

### TDG

Not specifically listed

### IMO

Not specifically listed

## Section 15: REGULATORY INFORMATION

### US Federal

**OSHA:** Meets criteria for hazardous material, as defined by 29 CFR 1910.1200.

### CANADA

**DSL/NDSL:** CAS# 127-95-7 is listed on the Domestic Substances List

**WHMIS:** Proposed classification: D1B – Poisonous and infections material – Immediate and serious effects – Toxic; D2B – Poisonous and infections material – Other effects – Toxic; Proposed disclosure at 1.0% or greater.

## Section 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither GranQuartz, L.P., nor any of its subsidiaries assumes any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

### Revisions:

2/28/02: Initial Release

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11/26/02: Added secondary components in Section 2.