

# Granite Brite

## To Polish and Restore

- Granite

### Uses

- Floors
- Restrooms
- Showers
- Kitchens
- Counters

### Special Features

- Easy-to-Use
- Fast
- Effective
- Non-Coating
- Never Yellows
- Retains Natural Color
- Odorless

## PRODUCT DESCRIPTION

**KEEP OUT OF REACH OF CHILDREN.** Granite Brite is a no-wax compound for the polishing of worn granite surfaces, primarily floors. Granite Brite contains only high quality abrasives. Granite Brite does not replace diamond grinding of granite surfaces; it is used as a part of a non-wax maintenance polishing system for granite surfaces.

### Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

### Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other masonry and non masonry surfaces.

## APPLICATION INSTRUCTIONS

Read the entire label and PDS/MSDS before starting.

Cover baseboard, carpet, etc., with protective plastic and/or tape. Strip the floor (if needed) with Mira Strip or Finish Sealer Stripper and a blue or brown pad. Pour a small amount of the Granite Brite compound on the floor (about 2 oz. for 10 sq. ft.) Add some water to the Granite Brite to make up a paste mixture. Buff the paste with a Marble Master floor machine and natural fiber brush or a red nylon pad until the paste is completely gone and the granite is polished and dry. It is important to get the surface hot with the buffing machine and pad. For better results, use a felt pad.

**IF NEEDED:** Spray Marble Conditioner on the dry granite and buff with a steel wool pad grade 0 until the granite is polished and the color is back.

**Heavy Duty Cleaning:** Use Phosphoric Acid Cleaner, HDAC or Liquid Poulitce as directed.

**Light Cleaning:** Use Tile & Stone Cleaner or Counter Kleen as directed.

### Water, Stain & Slip Protection

To protect cleaned area from future soiling and staining and increase static coefficient of friction, we recommend applying the appropriate Miracle Penetrating Sealer/Impregnator.

### Color and Gloss Enhancement

For added color with "Textured and Non polished" surfaces, 511 Seal & Enhance may be used. For porous type "Pavers", 511 Seal & Enhance may be used as directed.

### Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, Granite Brite will cover approximately 80 square feet per 1-pound container.

## MAINTENANCE

For ongoing maintenance instructions please refer to **Miracle Sealants Care Guide.** Refer to the **Miracle Sealants Product Recommendation Chart** for specific product recommendations.

### Storage

Store Granite Brite in the original container, properly sealed to avoid contamination. Stored at 77° F (25° C), Granite Brite will have a shelf life of 12 months. Do not allow to freeze.

### Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

### Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.  
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435  
website: www.miraclesealants.com

### Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

### Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

### Caution

Use in a well ventilated area. This product contains corrosives and must be used as directed. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with food and beverages and risk of accidental ingestion. Do not transfer to other bottles or containers. Protect skin and eyes. Chemical resistant gloves should be worn at all times. If exposed, flush with water. Keep small children and pets out of the area until product or surface has thoroughly dried. **Refer to MSDS for additional information.**

### Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.



# Safety Data Sheet

Issue Date: 06-Jun-2015

Revision Date: 21-Dec-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Granite Brite

### Other means of identification

**SDS #** MSC-040

### Recommended use of the chemical and restrictions on use

**Recommended Use** Adsorbents, Ceramic, Filler, Polishing agent. Refractory.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Miracle Sealants Company  
12318 Lower Azusa Road  
Arcadia, CA 91006

### Emergency Telephone Number

**Company Phone Number** 1-626-443-6433 (Phone)  
1-626-443-1435 (Fax)

**24 Hour Emergency Phone Number** For technical support call: 1-800-350-1901

**Emergency Telephone (24 hr)** For product spills, leaks or exposures call:  
Infotrac 1-800-535-5053 (North America) or 1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** White powder

**Physical State** Solid Powder

**Odor** None

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS No    | Weight-%    |
|----------------|-----------|-------------|
| Aluminum Oxide | 1344-28-1 | Proprietary |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### First Aid Measures

#### **Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

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|                     |  |
|---------------------|--|
| <b>Skin Contact</b> | Wash with soap and water.  |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Rinse mouth. Never give anything by mouth to an unconscious person. Seek medical attention if necessary. |

**Most important symptoms and effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | May include redness, drying and cracking of skin. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Hazardous Combustion Products** No information available.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Use personal protective equipment as required.   |
| <b>Environmental Precautions</b> | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS. |

**Methods and material for containment and cleaning up**

|                                |   |
|--------------------------------|---|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so.   |
| <b>Methods for Clean-Up</b>    | Avoid creating dust. Vacuuming or wet sweeping may be used to avoid dust dispersal. Put collected waste material in plastic containers for disposal. Rinse area thoroughly. |

**7. HANDLING AND STORAGE****Precautions for safe handling**

|                                |  |
|--------------------------------|--|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Use personal protection recommended in Section 8. For industrial or professional use only. Avoid contact with skin, eyes or clothing. |
|--------------------------------|--|

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**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep/store only in original container. Store containers upright. Keep from freezing.

**Incompatible Materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name               | ACGIH TLV                                    | OSHA PEL   | NIOSH IDLH |
|-----------------------------|--|--|------------|
| Aluminum Oxide<br>1344-28-1 | TWA: 1 mg/m <sup>3</sup> respirable fraction | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | -          |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Use adequate ventilation. Local exhaust preferable. Refer to OSHA Standards 1910.94, 1910.107, 1910.108. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Chemical anti-splash safety goggles.

**Skin and Body Protection** Protective gloves: Plastic or rubber, chemical resistant  
Protective clothing or equipment: Chemical resistant clothing.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas. Dust mask. Use additional appropriate respiratory protection if there is the potential to exceed the exposure limit(s). Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

**General Hygiene Considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |              |                       |                |
|-----------------------|--------------|-----------------------|----------------|
| <b>Physical State</b> | Solid Powder | <b>Odor</b>           | None           |
| <b>Appearance</b>     | White powder | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | White        |                       |                |

| <u>Property</u>                     | <u>Values</u>        | <u>Remarks • Method</u> |
|-------------------------------------|----------------------|-------------------------|
| <b>pH</b>                           | 8-10                 |                         |
| <b>Melting Point/Freezing Point</b> | 2000-2050 °C 2210 °C |                         |
| <b>Boiling Point/Boiling Range</b>  | Not determined       |                         |
| <b>Flash Point</b>                  | Not applicable       |                         |
| <b>Evaporation Rate</b>             | Not determined       |                         |
| <b>Flammability (Solid, Gas)</b>    | Not determined       |                         |
| <b>Upper Flammability Limits</b>    | Not determined       |                         |

|                                     |                            |
|-------------------------------------|----------------------------|
| <b>Lower Flammability Limit</b>     | Not determined             |
| <b>Vapor Pressure</b>               | Not determined             |
| <b>Vapor Density</b>                | Not determined             |
| <b>Specific Gravity</b>             | Not determined             |
| <b>Water Solubility</b>             | Insoluble in water         |
| <b>Solubility in other solvents</b> | Not determined             |
| <b>Partition Coefficient</b>        | Not determined             |
| <b>Auto-ignition Temperature</b>    | Not determined             |
| <b>Decomposition Temperature</b>    | Not determined             |
| <b>Kinematic Viscosity</b>          | Not determined             |
| <b>Dynamic Viscosity</b>            | Not determined             |
| <b>Explosive Properties</b>         | Not determined             |
| <b>Oxidizing Properties</b>         | Not determined             |
| <b>Density</b>                      | 2.7-3.94 g/cm <sup>3</sup> |
| <b>Bulk Density</b>                 | 350-1250 kg/m <sup>3</sup> |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | May cause temporary irritation on eye contact.      |
| <b>Skin Contact</b> | Prolonged contact may cause redness and irritation. |
| <b>Inhalation</b>   | May cause irritation if inhaled.                    |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                  |

### Component Information

| Chemical Name               | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|-----------------------------|----------------------|-------------|-----------------|
| Aluminum Oxide<br>1344-28-1 | > 5000 mg/kg ( Rat ) | -           | -               |

### Information on physical, chemical and toxicological effects

**Symptoms**      Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name  | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|----------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Aluminum Oxide | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name              | CAS No    | Weight-%    | SARA 313 - Threshold Values % |
|----------------------------|-----------|-------------|-------------------------------|
| Aluminum Oxide - 1344-28-1 | 1344-28-1 | Proprietary | 1.0                           |

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### **U.S. State Right-to-Know Regulations**

| Chemical Name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Aluminum Oxide<br>1344-28-1 | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | 1                     | 0                   | 0                       | None                       |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|                    | Not determined        | Not determined      | Not determined          | Not determined             |

**Issue Date:** 06-Jun-2015  
**Revision Date:** 21-Dec-2015  
**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**