

**SAFETY DATASHEET**

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Effective Date June 21, 2006

Revised Date March 6, 2018

**SECTION I: PRODUCT IDENTIFICATION**

Material Name: GRANITE                      NOT A CONTROLLED PRODUCT

Company: ARCHITECTURAL SURFACES

19012 Hwy 71 West, Spicewood TX 78669

512 263 7625

Emergency Contact Information: Poison Control Center 1 800 222 1222 or 911

Recommended Use: Building material, Natural Stone used for Countertops, Floor and Wall Tile, and other applications

**SECTION II: HAZARD IDENTIFICATION**

This product contains mixtures of Clays, Sand, Silica and other natural occurring minerals. These finished products mined and cut to various sizes, or ground and mixed with water and baked at high temperatures. These products are odorless, stable, nonflammable, and pose no known health hazard. When cut, ground or during demolition this product can produce Silica containing airborne particulates which can lead to Silicosis and lung cancer

GHS Classification:

Global Harmonization Identification System GHS Health: 3 Fire: 4 Reactivity: 4

Carcinogenicity Category 1A (H350)

Specific Target Organ Toxicity, single exposure; Respiratory tract irritation

Category 3A (H335)

Specific target organ toxicity (repeated exposure) Category 1A (H372)

GHS Pictogram:

Category 3

Crystalline Silica

Signal Word: DANGER

**SECTION 8: HAZARD IDENTIFICATION (CONT)**

Hazard Statements:

(H350) May cause CANCER (Inhalation)

(H335) May cause Respiratory Irritation

(H372) Causes damage to organs (Lung/respiratory) through repeated or prolonged exposure

Precautionary Statements:

Do not handle until all safety precautions have been read and understood (P202)

Do not breathe dusts (P260) when cutting, use water and/or exhaust ventilation to minimize exposure.

Wear respiratory protection (If ventilation is inadequate) (P284)

Do not eat, drink, or smoke when using this product (P270)

Wash skin thoroughly after

**SECTION 8: FIRE FIGHTING MEASURES**

|                             |                             |
|-----------------------------|-----------------------------|
| Flash Point:                | Not applicable              |
| Auto Ignition Temperature:  | Not applicable              |
| Flammable Limits LEL & UEL: | Not applicable              |
| Fire Extinguishing Media:   | None required Non Flammable |
| Fire and Explosion Hazards: | None                        |

**SECTION 9: ACCIDENTAL RELEASE**

Avoid creating excessive amounts of dusts. Cleanup dusts with wet mop methods or use an approved HEPA vacuum system.

**SECTION 10: HANDLING AND STORAGE**

When cutting, or grinding, use equipment with integral dust collection and/or exhaust ventilation. Use wet cutting methods to reduce dusts. Use respiratory c

u t t

**SECTION 8: EXPOSURE CONTROL PERSONAL PROTECTION (CONT)**

Engineering Controls: Use adequate ventilation, use integral dust collection and/or exhaust ventilation, avoid inhalation of dusts. The highest probability of silica exposure occurs during installation using dry cutting methods or during removal of installed natural stone. Wet cutting methods to reduce or maintain dust levels below the PEL is highly recommended.

Skin: Wear impermeable gloves during cutting, sanding or grinding

Eye: Wear approved Safety Goggles or Safety Glasses and Face Shield when cutting, sanding or grinding.

Respiratory: Wear a NIOSH approved respirator with N95 particulate filters or higher if PEL is exceeded or when engineering controls are not feasible. Higher levels of exposure will dictate the type of respiratory protection used. Review NIOSH chemical hazard guide for information on respiratory protection at [cdc.gov/niosh/npg](http://cdc.gov/niosh/npg)

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                             |                       |
|-----------------------------|-----------------------|
| Appearance:                 | Solid, color may vary |
| Odor:                       | Odorless              |
| Melting Point:              | Not applicable        |
| Boiling Point:              | Not applicable        |
| Vapor Pressure:             | Not applicable        |
| Vapor Density:              | Not applicable        |
| Solubility in Water:        | Insoluble             |
| Specific Gravity:           | 2.6-2.8               |
| Percent Volatile by Volume: | Not applicable        |
| Evaporation Rate:           | Not applicable        |
| Viscosity:                  | Not applicable        |

**SECTION 10: STABILITY AND REACTIVITY**

|                                   |                          |
|-----------------------------------|--------------------------|
| Stability:                        | Stable in current form   |
| Conditions to Avoid:              | Avoid contact with acids |
| Incompatibility:                  | Avoid contact with acids |
| Hazardous Polymerization:         | Will not occur           |
| Hazardous Decomposition Products: | None                     |

## SECTION 1: TOXICOLOGICAL INFORMATION

### Potential Health Effects

#### Primary Routes of Exposure

None for intact natural stone products. Inhalation and potential exposure to eyes, hands, and other body parts if contact is made with broken stone, and/or during procedures involving cutting, grinding, and removal of installed products

#### Acute Health Effects

No acute health effects from exposure to intact natural stone products. Working with broken or cut natural stone produces the potential for cuts to the hands or other exposed body parts.

Acute effects such as eye irritation may occur if associated with high dust operations such as dry cutting, or during removal of installed stone. In rare cases, symptoms of acute silicosis, a form of silicosis associated with exposure to respirable crystalline silica, may develop following acute exposure to extremely dusty environments such as (dusty) Tj / TT1 1 Tf 2.23 0 TD 0 Tc <0003> Tj / TT2 1

**SECTION 1: TOXICOLOGICAL INFORMATION (CONT)****Carcinogen Status**

Respirable crystalline silica is classified by the International Agency for Research on Cancer (IARC) as a Group I Carcinogen (carcinogenic to humans). The National Toxicology Program (9th Report) lists respirable crystalline silica as "Known to be a Human Carcinogen." USDOL/OSHA and NIOSH have recommended that crystalline silica be considered a potential occupational carcinogen.

California Proposition 65 Warning: Crystalline Silica is known in the state of California to be a human Carcinogen.

**Overview of Animal Testing**

Short term experimental studies of rats have found that intra tracheal instillation of quartz particles lead to the formation of discrete silicotic nodules in rats, mice and hamsters.

**Oral (silica) Lethality**

LD50 Ratoral >22,500mg/kg LD50

Mous

## SECTION 5: REGULATORY INFORMATION

This product and/or its components have been previously introduced into U.S. commerce and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals in Commerce. Hence, it is subject to all applicable provisions and restrictions under TSCA 40 CFR Section 721 and 723.250.

This natural stone tile contains < 1 percent by weight each of the following elements, which are SARA 313 Recordable: Antimony, Arsenic, Barium, Beryllium, Cadmium, Cobalt, Chromium, Copper, Manganese, Mercury, Nickel, Lead,