

# Safety Data Sheet

Stonefill Granite Series 2

SDS No. 10041.3

Date of Preparation: 6/29/99

Revision: 6/18/18

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Stonefill Granite Series 2

**General Use:** Used in cultured marble applications.

**Manufacturer:** The R. J. Marshall Company  
26776 W. 12 Mile Road  
Southfield, MI 48034-7807  
Phone: (248) 353-4100, Fax: (248) 948-6460

**Emergency Phone:** (800) 424-9300

**Date Revised:** 6/18/18

**Prepared By:** Stephanie Nichols

## Section 2 - Hazards Identification

**Classification of the chemical in accordance with paragraph (d) of 1910.1200:** Health hazard

**Signal Word:** Danger



**Symbol:**

**Hazard Statements:**

May cause cancer by inhalation.

**Precautionary Statements:**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves, clothing, eye & face protection.  
If exposed or concerned: Get medical advice/attention.  
Store locked up.  
Dispose of contents in accordance with local regulations.

**Hazards not otherwise classified:** none

<b>HMIS</b>
<b>H</b> 1
<b>F</b> 0
<b>R</b> 0
<b>PPE</b> † E
†Sec. 8

## Section 3 - Composition / Information on Ingredients

Ingredient Name	CAS Number	Wt. %
Crystalline Silica	14808-60-7	0.21% max
Particles not otherwise classified	-----	100% max

## Section 4 - First Aid Measures

**Description of the necessary measures, subdivided according to the different routes of exposure:**

**Inhalation:** If overcome by high dust concentrations, remove to a ventilated area.

**Eye Contact:** Flush eyes thoroughly with water taking care to rinse under eyelids. Do not scrub.

**Skin Contact:** Wash skin thoroughly with soap and water.

**Ingestion:** Drink plenty of water. Considered to be of very low toxicity.

**Most important symptoms/effects, acute and delayed:** May cause dryness of skin, eye irritation.

**Indication of immediate medical attention and special treatment needed:** None known.

## Section 5 - Fire-Fighting Measures

**Suitable Extinguishing Media:** In case of fire use water spray or foam.

**Specific Hazards Arising from the Chemical:**

**Unusual Fire or Explosion Hazards:** None known.

**Hazardous Combustion Products:** None.

**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.

**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face-piece operated in pressure-demand or positive-pressure mode.

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Avoid dust formation. Spilled materials may cause slippery conditions when wet.

**Methods and materials for containment and cleaning up:** Sweep up or vacuum up spillage and collect in suitable container for disposal.

## Section 7 - Handling and Storage

**Precautions for safe handling:** Avoid generating dust during handling. If excessive dust is generated, provide adequate ventilation and use proper respiratory and personal protective equipment.

**Storage Requirements:** Keep container tightly closed in a dry and well-ventilated area.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:**

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Administrative Controls:**

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

**Protective Clothing/Equipment:** Wear suitable protective clothing, gloves, and safety glasses.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Ingredient	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Particulates not otherwise classified	15 mg/m <sup>3</sup> total 5 mg/m <sup>3</sup> respirable	None established	None established	None established
Crystalline Silica	30 mg/m <sup>3</sup> /(% SiO <sub>2</sub> + 2) total dust 10 mg/m <sup>3</sup> /(% SiO <sub>2</sub> + 2) respirable dust	None established	0.025 mg/m <sup>3</sup> respirable dust	None established

## Section 9 - Physical and Chemical Properties

**Appearance:** powder, color varies

**Odor:** odorless

**Odor Threshold:** not applicable

**pH:** not applicable

**Freezing/Melting Point:** not applicable

**Boiling Point:** not applicable

**Evaporation Rate:** not applicable

**Flash Point:** not applicable

**Flash Point Method:** not applicable

**Flammability Classification:** Non-flammable.

**Upper/lower flammability or explosive limits:** not applicable

**Vapor Pressure:** not applicable

**Vapor Density (Air=1):** not applicable

**Relative Density:** varies

**Water Solubility:** Slight

**Other Solubilities:** n/a

**Partition coefficient: n-octanol/water;** not applicable

**Auto-ignition Temperature:** not applicable

**Decomposition Temperature:** not established

**Viscosity:** not applicable

## Section 10 - Stability and Reactivity

**Reactivity:** This product is stable at room temperature in closed containers under normal storage and handling conditions.

**Chemical Stability:** No decomposition if stored as directed.

**Possibility of hazardous reactions:** Reacts with acids to form carbon dioxide.

**Conditions to Avoid:** Temperatures above 40°C (104°F).

**Incompatible materials:** Acids.

**Hazardous Decomposition Products:** Carbon dioxide

## Section 11- Toxicological Information

**Information on the likely routes of exposure:** Eye, Skin, Inhalation.

**Symptoms related to the physical, chemical, and toxicological characteristics:**

Eye: Nuisance dust. May cause irritation through mechanical abrasion.

Skin: Nuisance dust. May cause irritation through mechanical abrasion.

Inhalation: Nuisance dust. Overexposure to dust may cause irritation to the respiratory tract.

Ingestion: Unlikely.

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:** Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

**Numerical measures of toxicity:**

Acute Oral Toxicity: LD50 (oral): >5000 mg/kg

**Carcinogenicity:** IARC and NTP consider crystalline silica to be a known human carcinogen. IARC-Group 1.

## Section 12 - Ecological Information

**Ecotoxicity:** Not available

**Persistence and degradability:** Not applicable for inorganic substances.

**Bioaccumulative potential:** Not applicable.

**Mobility in soil:** Not applicable.

## Section 13 - Disposal Considerations

**Disposal:** Recycle or landfill if possible. This substance is inert and does not require special disposal methods. Follow applicable Federal, state, and local regulations.

## Section 14 - Transport Information

**DOT Transportation Data (49 CFR 172.101):** This product is not classified as dangerous under the transport regulations for road, rail, sea, or air transport.

**UN Number:** not classified as dangerous goods

**UN proper shipping name:** not classified as dangerous goods

**Transport hazard classes:** None

**Packaging group:** None

**Environmental hazards:** None

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** No hazardous goods.

**Special precautions for user:** None

## Section 15 - Regulatory Information

**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) Not listed

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

SARA Hazardous Chemical Section 311/312: Acute (Immediate) Hazard/ Chronic (Delayed) Hazard

Crystalline Silica is subject to the reporting requirements of California's Safe Drinking Water and Toxic Enforcement Act of 1986 ("Proposition 65").

**OSHA Regulations:**

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

**TSCA**

This substance or all of its components are on the Chemical Substances Inventory of the Toxic Substance Control Act (TSCA Inventory [USA]). Please note that this product is not subject to any legal reporting requirements under these acts.

**INTERNATIONAL REGULATIONS**

This substance or all of its components are listed on the following inventories:

Australia: Listed on AICS

China: Listed on IECSC

Europe: Listed on EINECS

Japan: Listed on ENCS

Korea: Listed on ECL

New Zealand: Listed on NZIoC

Philippines: Listed on PICCS

Taiwan: Listed on NECI

Canada: Listed on DSL

**Section 16 - Other Information**

**Prepared By:** Stephanie Nichols

**Revision Notes:** updated Section 16

**Product Grades Available from the R. J. Marshall Company** (this list may be incomplete):

SFXSB2013	SFXSB2015	SFLSB3002	SFLSB3221	SFLSB3310	SFLSB3430
SFLSB3610	SFLSB3630	SFLSB4220	SFLSB4400	SFLSB6320	

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