

Safety Data Sheet

Stonefill Granite Series 2

MSDS No. 10041.0

Date of Preparation: 6/29/99

Revision: 5/22/15

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: 5/22/15

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

HMIS
H 1
F 0
R 0
PPE † 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 ³ total 5 mg/m ³ respirable	None established	None established	None established
Crystalline Silica	30 mg/m ³ /(% SiO ₂ + 2) total dust 10 mg/m ³ /(% SiO ₂ + 2) respirable dust	None established	0.025 mg/m ³ 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

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: new SDS

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

SFL2013	SFL2015	SFL3002
SFL3221	SFL3310	SFL3430
SFLSB3630		

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