

# SAFETY DATA SHEET

**SDS#:** 1950, 1952, 1960, 1962

## SECTION 1: Product Identification:

Redi-Gro Horticultural Sand Redi-Gro Play Sand	Redi-Gro Pea Gravel Redi-Gro Aggregate Rounds
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<b><u>Manufacturer/Supplier:</u></b> Redi-Gro Corporation 8908 Elder Creek Road Sacramento, CA 95828 916 381-6063 or 1-800-654-4358 <a href="http://www.redi-gro.com">http://www.redi-gro.com</a>	<b><u>Distributed in the USA by:</u></b> Redi-Gro Corporation 8908 Elder Creek Road Sacramento, CA 95828 916 381-6063 or 1-800-654-4358 <a href="http://www.redi-gro.com">http://www.redi-gro.com</a>
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**Product Uses: Aggregates used in various applications**

## SECTION 2: Hazard(s) Identification:

**Hazard Statements:** These products are not considered hazardous in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200. However, if altered and dust is formed there may be health and physical hazards. These products contain crystalline silica. **Crystalline Silica** requires a GHS classification and a State of California Proposition 65 Warning. Silica dust can cause eye irritation. Chronic inhalation of crystalline silica may cause respiratory irritation, damage to the lungs and cancer.

**Hazard Classifications for Crystalline Silica**

**GHS Symbol:**

For Wood Dust and Crystalline Silica



California Proposition 65 Warning



### Crystalline Silica

GHS Classification:	Target Organ Toxicity
Signal Word:	Danger
Carcinogen:	Category 1A
Eye Irritation:	Category 2B
Skin Irritation:	N/A
Flammability:	N/A

**Product precautionary Statements:** Mist lightly with water to reduce generation of dust. Do not breathe dust. Safety glasses should be worn to prevent dust from getting into the eyes. Wear gloves to prevent skin irritation. Do not eat, drink or smoke when using these products. Wash hands after handling. Use in well ventilated areas only.

### SECTION 3: Composition/Information on Ingredients:

These products contain one or more of the following ingredients: Sand, Silica and or Quartz

### SECTION 4: First Aid Measures:

<b>Effects of Exposure:</b>	Exposure to crystalline silica may aggravate pre-existing eye, skin or lung disorders. Inhalation over long periods may cause respiratory tract irritation and damage to organs. Prolonged, repeated inhalation can cause silicosis.
<b>Eye Contact:</b>	Gently flush eyes with running water for 15 minutes. Seek medical attention if irritation or blurred vision continues.
<b>Skin Contact:</b>	Remove contaminated clothing and wash skin thoroughly.
<b>Inhalation:</b>	Move victim to fresh air. If breathing becomes difficult seek medical attention immediately.
<b>Ingestion:</b>	Rinse mouth. Do not induce vomiting. Seek medical attention if a large amount of material is swallowed.

### SECTION 5: Fire-Fighting Measures:

<b>Flammability of these Products:</b>	Non-combustible and non-flammable.
<b>Special Fire Fighting Procedures:</b>	Treat for surrounding area.
<b>Unusual Fire and Explosion Hazards:</b>	None

## Section 6: Accidental Release Measures:

<b>Steps to be Taken in Case Material is Spilled:</b>	Use methods to clean spills which avoid creating airborne dust. Apply water spray to prevent airborne dust. Wear protective equipment as described in section 8.
<b>Waste Disposal Method:</b>	Clean up using a shovel and place in a suitable container. Do not allow to enter sewers or surface/ground water. Dispose of unwanted material and containers properly in accordance with all regulations. See section 13 for additional disposal considerations.

## SECTION 7: Handling and Storage:

<b>Work/Hygienic Practices:</b>	Avoid eye contact and prolonged contact with the skin. Avoid repeated breathing of airborne dust. Wash hands before eating or drinking. After exposure to excessive dust bathe and change into clean clothes.
<b>Ventilation:</b>	Use in well ventilated areas only.
<b>Protective Gloves:</b>	Gloves are suggested to protect the skin and avoid splinters.
<b>Eye Protection:</b>	Protective eyewear should be worn where dust levels are high enough to cause irritation.
<b>Other Protective Clothing or Equipment:</b>	NIOSH or MSH approved respirator and eye protection under conditions where excessive dust is created. Do not use compressed air for cleaning clothing.
<b>Storage:</b>	Store in a cool, dry, well ventilated location. Keep out of the reach of children.

## Section 8: Exposure Controls/Personal Protection:

		OSHA PEL		ACGIH TLV	
Component	CAS#	TOTAL	Respirable	Total	Respirable
Crystalline Silica, Quartz	14808-60-7	30 mg/m <sup>3</sup>	.1 mg/m <sup>3</sup>	30mg/m <sup>3</sup>	.025 mg/m <sup>3</sup>
<b>Comments:</b> Use adequate ventilation to keep exposure below recommended exposure limits. See section 7 for handling precautions.					

## SECTION 9: Physical and Chemical Properties:

<b>Physical State:</b>	Solid	<b>Flammability:</b>	Not applicable
<b>Appearance:</b>	Granular, pebbles	<b>Vapor Pressure, Density:</b>	Not applicable
<b>Color:</b>	Varies	<b>Solubility in Water:</b>	Insoluble
<b>Odor:</b>	None	<b>Melting, Boiling Point:</b>	Not Applicable
<b>pH:</b>	5.5 7.5	<b>Evaporation Rate:</b>	Not Applicable
<b>Density:</b>	50 - 60 lbs./cubic foot	<b>Specific Gravity:</b>	Variable
<b>Decomposition temperature data is not available</b>			

## Section 10: Stability and Reactivity:

<b>Stability:</b>	Stable, keep dry in storage
<b>Conditions to Avoid:</b>	None if used according to specifications
<b>Incompatibility:</b>	Powerful oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide or oxygen difluoride may cause fires.
<b>Hazardous Decomposition or By - products:</b>	Silica will dissolve in hydrofluoric acid and produce a corrosive gas silicon tetrafluoride.
<b>Hazardous Polymerization:</b>	Will not occur under normal use
<b>Reactivity:</b>	None known under conditions of normal use

## Section 11: Toxicological Information:

**General Comments:** Inhalation of dust may cause respiratory tract irritation. May cause skin and eye irritation. Sand and rocks are harmful if swallowed. These products contain crystalline silica and prolonged or repeated inhalation of respirable silica can cause silicosis. The risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time, usually years, of exposure. **Crystalline silica** is listed as potential carcinogens on the NTP report, IARC, OSHA and California Prop 65 carcinogen lists. For more information see: [monographs.iarc.fr](http://monographs.iarc.fr) and [prop65warnings.ca.gov](http://prop65warnings.ca.gov)

## Section 12 Ecological Information:

No further relevant evidence is currently available on the effects of these products on animal or aquatic life. No further relevant information is available on the bio-accumulative potential or mobility in the soil. Keep out of streams, lakes and ponds.

## Section 13: Disposal Considerations:

Dispose of these products in accordance of Federal, State and Local regulations. Dust control measures are recommended.

## Section 14: Transport Information:

Sand and rock is not classified by the DOT as Hazardous Material. UN ID number, DOT Label, transport hazard class and packing group are not applicable. Shipping Name: Non - regulated Material.

## Section 15 : Regulatory Information:

These products are not listed on the U.S. EPA Toxic Substances Control Act (TSCA) Inventory of toxic substances. These products may contain small amounts of crystalline silica, a chemical known to the State of California to cause cancer. For more information see:  
[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## Section 16 : Other Information:

The information contained in this SDS is provided without warranty of any kind, express or implied. The information contained herein is made available solely for consideration, investigation, and verification by the original recipients hereof. Users should consider this information only as a supplement to other information gathered by or available to them. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials for the safety and health of employees, customers, and the environment. This hazard information is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to keep currently informed on chemical hazard information, to design and update their own programs, and to comply with all applicable national, federal, state and local laws and regulations regarding safety, occupational health, right to know and environmental protection.

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