

Safety Data Sheet
Colored Quartz Aggregates

Florock
Colored Quartz


Product Identification

Section 1

Product Identifier	Colored Quartz Aggregates
Product Name	Floroquartz & Floroshop Aggregates
Synonyms	Silica aggregate
Product Usage	Floor coating systems
Company	Florock Polymer Flooring 1120 W Exchange Chicago, IL 60609
Phone	773-376-7132
Chemtrec	800-424-9300

Hazard Identification

Section 2

GHS Classifications	Carcinogenicity: Category 1, STOT (SE): Category 2
Signal Word	Danger
Pictograms	
Hazard Statements	H350 May cause cancer by inhalation respiratory irritation H372 May cause damage to lungs through prolonged or repeated inhalation
Precautionary Statements	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/fume/gas/mist/vapors/spray. P281 Use personal protective equipment as required. P308+P313 IF exposed or concerned: Get medical advice/attention. P314 Use personal protective equipment as required.
Additional Hazard Information	Percentage of mixture with unknown Acute Toxicity: none

Composition Information of Ingredients

Section 3

Component	CAS No.	Weight %
Crystalline Silica (Quartz)	14808-60-7	60-100
Titanium Dioxide	13463-67-7	0-5
Iron Oxide	1309-37-1	0-5

Where a range is displayed or the exact percentage of the component in the composition has been withheld it is considered a trade secret.

Ingredients not listed on this SDS are considered to be non-hazardous and not classifiable under the standardized GHS system.

According to the Globally Harmonized System of hazardous chemicals Titanium Dioxide and Iron Oxide is not considered classified as hazardous; therefore, it is not included as a relevant ingredient in the process of classifying hazardous chemical mixtures.

First Aid Measures Section 4

General	Take off all contaminated clothing immediately.
Inhalation	Move person to fresh air and breathe normally.
Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present. If eye irritation persists get medical attention.
Ingestion	Do not eat, taste, or ingest. Rinse mouth if person is conscious.
Skin	Take off all contaminated clothing. Rinse skin with water. Wash with soap and water. If skin irritation or rash occurs get medical attention.
Acute	Irritation to the eyes, skin, and mucous membranes of the upper respiratory tract.
Delayed	Silicosis, possible lung cancer

Fire Fighting Measures Section 5

Extinguishing Media	Use water spray.
Extinguishing Methods	Water may be used to keep exposed containers cool, and to keep flammable structures wet.
Special Protective Equipment	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
Special hazards	This material is not flammable , combustible, or explosive
Important additional information	Do not enter fire area without proper protection because hazardous decomposition products may be present.

Accidental Release Measures

Section 6

Personal precautions *Protective equipment:* If air test dictates wear approved protective respirator, safety goggles, and chemical resistant gloves. Ensure adequate ventilation. Avoid breathing dust, vapors, spray.

Avoid skin contact.

Emergency procedures: Call CHEMTREC at 1-800-424-9300 for assistance and advice

Methods for clean up and disposal Collect the material using absorbents or other equipment required by the size of the release. Decontaminate the area, collecting any cleaning and rinsing media for proper reclamation or disposal. Soak up with an absorbent and place in non-leaking containers. Seal tightly for disposal according to local and federal regulations.

Do not allow to escape into waterways, wastewater or soil.

Handling and Storage

Section 7

Precautions for safe handling As with any chemical product, use good laboratory/workplace procedures. Use under well-ventilated conditions. Wash thoroughly after handling this product. Always wash hands and skin before eating, smoking or using the facilities.

Conditions for safe storage, including incompatibilities Protect container from physical abuse. Keep the container tightly closed. Store in dry well-ventilated areas. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Do not reuse empty containers.

Exposure Controls/Personal Protection

Section 8

Component	CAS#	ACGIH/TLV	OSHA/PEL	*V/P
Crystalline Silica (Quartz)	14808-60-7	10mg/m3	15mg/m3	N/D
Titanium Dioxide	13463-67-7	10mg/m3	15mg/m3	N/D
Iron Oxide	1309-37-1	N/D	N/D	N/D

*Vapor Pressure limit

Engineering Controls

Local Ventilation Use local and general engineering controls.

Personal Protective Equipment

Eye/Face protection Protective safety goggles.

Skin protection The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection If using in a poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure.

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General Hygiene Considerations Wash hands before eating, smoking, or touching the facial area.

Physical/Chemical Properties

Section 9

Physical state	Granules
Appearance	Various colors
Odor	N/D
Flashpoint	N/D
Boiling range	N/D
Vapor density	Heavier than air
Liquid density	Heavier than water
Volatiles volume	%
Evaporation Rate	0 x n-Butyl Acetate
pH	N/D
Vapor pressure	N/D
Relative density	N/D
Solubility	N/D
Partition coefficient	N/D
Auto Ignition temp	N/D

Stability and Reactivity

Section 10

Chemical stability	Stable
Hazardous reactions	None
Conditions to avoid	N/D
Incompatible materials	N/D
Hazardous decomposition products	None known.

Toxicological Information

Section 11

Name	CAS#	Oral LD50	Dermal LD50	Vapor LC50
Crystalline Silica (Quartz)	14808-60-7	N/D	N/D	N/D
Titanium Dioxide	13463-67-7	N/D	N/D	N/D
Iron Oxide	1309-37-1	N/D	N/D	N/D

Routes of Exposure

Symptoms of Exposure *Acute:* N/D

Chronic: N/D

Carcinogenicity N/D

Ecological Information Section 12

Keep out of sewers, drainage areas, and waterways. Report spills and atmospheric releases, as applicable, under Federal and State regulations.

Disposal Considerations Section 13

Dispose of container and unused contents in accordance with federal, state, and local requirements for hazardous materials.

Transport Information Section 14

DOT Proper Shipping	
Name:	Not Regulated
Packing Group:	
DOT Hazard Class:	
DOT UN/NA Number:	Not Regulated

Regulatory Information Section 15

Contact manufacturer for information on specific territorial regulatory information.

Other Information Section 16

NFPA/HMIS Rating

Health 0

Fire 0

Reactivity 0

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 guidance for safe handling, use, processing, storage, transportation, disposal, and release. It 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.

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