

KRETUS GROUP®



Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name: Color Quartz (XF-, F-, or Q-grade)

Recommended Use: Recommended for industrial and residential use.

Manufacturer: Kretus Group®, 1055 W. Struck Ave., Orange, CA 92867

Telephone: (714) 694-2061

24-Hour Emergency Telephone Number: (800) 255-3924 (CHEMTEL)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

Comments: To the best of our knowledge, this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/EEC and Canadian Hazardous Product Act.

SECTION 2: HAZARD IDENTIFICATION

Color Quartz products are not hazardous as shipped or in finished form.

During the fabrication and installation of the product, dust and powder generated may cause irritation to skin, eyes, nose, and airways.

It is highly recommended that adequate ventilation be provided during fabrication and installation. In addition, the usage of protective gloves and masks and wet cutting tools is suggested.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name or Synonyms	CAS No.	Impurities or Stabilizing Additives	Concentration (% by Weight)
Crystalline Silica (SiO ₂)	Quartz	14808-60-7	--	> 85%
Polyester resin				7-15%
Additives and pigments				0-7%

SECTION 4: FIRST-AID MEASURES

Contact with Eyes

Flush immediately with generous amounts of water for at least 10 minutes. Seek medical attention if irritation persists after flushing.

Contact with Skin

Thoroughly wash contacted areas with soap and water.

Inhalation

Move affected individual to a well-ventilated area, preferably outdoors. If breathing difficulty occurs, seek medical attention immediately.

Ingestion

Seek medical attention if large amounts are ingested.

SECTION 5: FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water, Dry Chemical, CO₂, Foam

Unusual Fire and Explosion Hazards

Combusted only with difficulty.

Special Protective Equipment for Fire-Fighting

Keep personnel away and upwind of fire. Equipment dependent upon surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Methods and Materials for Containment and Clean-up:**

Solid pieces can be gathered and disposed in accordance with local, state, and federal laws. For large amounts of dust, vacuum, sweep, or dampen with water to avoid airborne particles.

SECTION 7: HANDLING AND STORAGE**Precautions for Safe-Handling**

Special measures are not required for proper handling or storage. Wash hands thoroughly with soap and water after handling. Handle with care to avoid injury and prevent damage.

Conditions for Safe Storage

Store inside in an area not exposed to excessive sunlight.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Substance	Exposure Guideline
Crystalline silica (quartz)	Respirable dust: 10 mg/m ³ / % SiO ₂ +2 (8 hr. TWA)
Controls: Work in a well-ventilated area and wear proper respiratory equipment to avoid inhalation exposure during cutting and polishing. Cutting machinery using water is highly recommended.	
Respiratory Protection: Use respirator approved by NIOSH	
Eye/Face Protection: Use appropriate safety glasses or chemical goggles.	
Skin Protection: Use appropriate clothing, footwear, and gloves when handling material to protect hands, exposed skin, and feet.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	multi-colored engineered stone (quartz)
Odor	odorless
pH	n/a
Density	2.3 – 2.4 g/cm

SECTION 10: STABILITY AND REACTIVITY**Chemical Stability**

Stable

Chemical Incompatibility

Hydrofluoric acid

Hazardous Decomposition Products

Upon decomposition hydrocarbons, carbon dioxide (CO₂), carbon monoxide (CO), and water may be released. Fumes of metal oxides and mica particles may also be released.

Hazardous Polymerization

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

After inhalation: The dust and powder generated as a result of fabricating quartz surfacing contains silica (SiO₂). Long-term exposure to inhaled crystalline silica may cause severe damage to health including pulmonary fibrosis and silicosis as well as the deterioration of other lung diseases such as bronchitis and emphysema. Silicosis may increase the risk of lung cancer.

SECTION 12: ECOLOGICAL INFORMATION**Environmental Toxicity**

No detrimental environmental impact known. Toxicity expected to be low based on insolubility in water.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste should be disposed of according to local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

Transport of product is not regulated.

SECTION 15: REGULATORY INFORMATION

Finished product is not regulated.

SECTION 16: OTHER INFORMATION

Prepared by Kretus Group

Revision date 04-29-19

Revision Note No information available

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.