

SECTION 1: Identification

Product Name: Granicrete COLORED QUARTZ AGGREGATE

Revision Date: 1/18/17

Product Code: 6400 Series

Package: 10lb / 4.53kg pail or 50lb / 22.67kg pail

Product Description: Granules Color: Varied mix

Intended Use: decorative, restorative

Company - Manufacturer: Granicrete International, Inc.

1130 W. Alameda Drive, Ste 5, Tempe, AZ 85282 USA

Web Address: www.Granicrete.com

Contact General: Domestic ... 1-602-438-9464 International ... 001-602-438-9464

Non-emergency email: safety@granicrete.com

Contact 24-Hour Emergency:

PERS Domestic at 1-800-633-8253

PERS International at 001-801-629-0667

SECTION 2: Hazard(s) Identification

GHS Classification:

Carcinogenicity: 1A

STOT (Repeated exposure) 1

Signal Word: DANGER!



Hazards Statements:

H350: May cause cancer

H371: Causes damage to lungs through prolonged repeated exposure

Precautionary Statements:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements:

P308+313: If exposed or concerned: Get medical advice/attention.

P305+P351: IF IN EYES: Rinse cautiously with water for several minutes.

Storage:

P402: Store in a dry place.

P405: Store locked

SECTION 3: Composition and Information on Ingredients

This material is not regulated as a mixture.

Ingredients / Components	CAS #	EC #	WT%
Crystalline Silica	014808-60-7		50-100
Titanium Dioxide	013463-67-7		0-10
Carbon Black	001333-86-4		<1
Iron (III) Oxide	001309-37-1		<1

SECTION 4: First-Aid Measures

Eye Contact: Rinse with running water for 15 minutes. Hold eyelids apart while irrigating. Call physician immediately.

Skin Contact: Wash affected area thoroughly with pH-neutral soap or mild detergent and water. Wash clothing before re-use. Seek medical attention for prolonged exposure to wet product.

Inhalation: Move to fresh air. Get medical attention if coughing and other symptoms do not subside. Support breathing by giving O₂ / artificial respiration.

Ingestion: Get medical attention immediately. Do not induce vomiting. If conscious administer copious amounts of drinking water or milk.

General: Silica poses hazard for repeated long-term exposure.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: This product is not combustible

Appropriate: As appropriate for surrounding fire

Inappropriate: None known

SECTION 6: Accidental Release Measures

Personal precautions: Wear appropriate eye and face protection. Avoid contact with eyes.

Environmental precautions: Avoid dust formulation

Methods for clean-up:

Vacuum immediately; avoid creating dusty conditions. Place in suitable containers for disposal.

SECTION 7: Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Promptly remove dusty clothing or clothing that has become wet with the mixed product. Launder clothing before reuse. Wash thoroughly after exposure to product.

Storage: Keep dry and from prolonged direct heat. Keep out of reach of children and pets.

SECTION 8: Exposure Control and Personal Protection



Exposure limit values:

	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
014808-60-7	0.1mg/m3	ND	0.05mg/m3	ND	Respirable Dust
013463-67-7	10mg/m3	ND	10mg/m3	ND	Respirable Dust
001309-37-1	5mg/m3	ND	5mg/m3	ND	Respirable Dust
001333-86-4	3.5mg/m3	ND	3.5mg/m3	ND	

US OSHA PEL: 6mg/m³ (54 FR2701) LEGEND: (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK
NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

Occupational exposure controls:

No occupational exposure limits assigned.

Respiratory protection: Wear suitable NIOSH approved mask or respirator if in confined space.

Hand protection: Impervious gloves if contact is anticipated. Nitrile gloves are acceptable.

Eye protection: Safety glasses with side shields.

Skin protection: Minimize skin contact with appropriate long-sleeved clothing. Wash frequently with pH neutral soap.

Hygiene measures:

Observe good industrial hygienic practices. Frequently launder or discard protective clothing, equipment.

Environmental exposure controls:

None are anticipated.

SECTION 9: Physical and Chemical Properties

General

Physical state: crushed glass

Color: various

Odor: none

Safety Data

pH (Value)	Not applicable.
Specific Gravity	2.45
Freezing Point (°C)	Not applicable.
Melting Point (°C)	Not applicable.
Boiling Point (°C)	2230C (4046F)
Flash Point (°C) [Closed cup]	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-combustible.
Vapor Pressure (mm Hg)	Not applicable.
Vapor Density (Air=1)	Not applicable.

Solubility (Water)	Insoluble
Partition Coefficient	Not applicable.
Auto Ignition Point (°C)	Not applicable.
Decomposition Temperature (°C)	Not applicable.
Viscosity (mPa. s)	Not applicable.
Explosive properties	Not applicable.
Oxidizing Properties	Not applicable.

SECTION 10: Stability and Reactivity

Stability: Stable

Conditions to avoid: NA

Materials to avoid: Acids

Hazardous decomposition products: NA

Hazardous polymerization: NA

SECTION 11: Toxicological Information

Acute Toxicity

Route of Exposure	Conclusion / Comments
Inhalation	No suitable testing available
Ingestion	Non-toxic to rats at 5,000mg
Skin	May cause irritation
Eye	May cause irritation

Chronic / Other Effects

Route of Exposure	Conclusion / Comments
Inhalation	Persistent cough, shortness of breath, may cause silicosis
Ingestion	ND
Skin	ND
Eye	ND

Repeated long-term exposure by inhalation affects respiratory tract.

Carcinogenicity:

None known

SECTION 12: Ecological Information

Eco-toxicity:

TO FISH: ND

INVERTEBRATES: ND

ALGAE: ND

BACTERIA: ND

No recognized unusual toxicity to animals or plants.

Biodegradation: ND

Exposure Time: ND

SECTION 13: Disposal Considerations

Methods of disposal: This material may be safely landfilled in accordance with federal, state, and local environmental control regulations.

Section 14: Transport Information

International transport regulations: NOT REGULATED

UN number: None

UN proper shipping name: None

Transport hazard class: None

Packing group number (PG): None

Environmental hazards – IMDG Marine Pollutant Code: None

IBC Guidance: None

SECTION 15: Regulatory Information

USDOL – OSHA & MSHA Hazard Communication per Rule 29 CFR 1920.1200

Considered a hazardous chemical under this regulation, and should be part of any hazard communication program

TSCA (USA - Toxic Substance Control Act)

Some substances in product are on the TSCA inventory list

SARA Title III (USA – Superfund Amendments and Reauthorization Act)

311/312 Hazard categories for delayed health effects

313 Reportable Ingredients: None

CERCLA (USA – Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

This product does contain trace elements known to the State of California to cause cancer, birth defects, or reproductive harm. Per California law this warning is provided in the absence of definitive testing to prove the defined risks do not exist.

Federal Hazardous Substance Act

Considered a hazardous substance subject to the statutes promulgated under the subject act.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL

SECTION 16: Other Information

HMIS:

Health	3
Flammability	0
Reactivity	0

Recommended restriction: This product is for use by trained professionals after having read the complete SDS.

Key Legend:

ACGIH – American Conference of Governmental Industrial Hygienists

OSHA – Occupational Safety and Health Administration

NTP – National Toxicology Program

IARC – International Agency for Research on Cancer

R – Risk Phrases

S – Safety Phrases

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