

SAFETY DATA SHEET

Quartz *ColorGranules*[™]

1. IDENTIFICATION

Product: Quartz *ColorGranules*[™]
Manufacturer: Torginol, Inc.
Address: 4617 South Taylor Drive
Sheboygan, WI 53081
USA
Phone: (920) 694-4800
Facsimile: (920) 694-4801
Email: service@torginol.com
Website: www.torginol.com
Emergency: (920) 694-4800 or consult a physician

2. HAZARDS IDENTIFICATION

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.120).

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS Number</u>	<u>Composition</u>
Crystalline Silica (Quartz) ¹	14808-60-7	95 – 97 %
Proprietary Resin(s)*	N/E	< 1 %
Titanium Dioxide*	13463-67-7	< 1 %
Iron Oxide Pigment(s)*	1309-37-1	< 1 %
Pigment(s)*	N/A	< 1 %

¹Crystalline Silica can be a lung injury and cancer hazard. Do not breathe dust. May cause delayed lung injury. Long term exposure can cause silicosis, a respiratory disease which can result in delayed, disabling, and sometimes fatal lung injury. Crystalline Silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure. A single exposure will not result in serious and adverse effects.

*No toxic chemical(s) subject to the reporting requirements of SARA Section 313 of Title III and of CFR 372 are present.
Toxic Substance Control Act (TSCA) Status – O.K. on all above components.

4. FIRST-AID MEASURES

Skin

Wash off with soap and water. If symptoms persist, call a physician.

Eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

If swallowed, seek medical advice immediately. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

5. FIRE-FIGHTING MEASURES

This product is not known to present any fire hazard.

6. ACCIDENTAL RELEASE MEASURES

Use recommended protective clothing and respiratory protection. Use shovel to reclaim material. Vacuum or scoop material into an appropriately marked container for reuse or disposal. Avoid excessive generation of dust. It is more effective to clean this product while dry by vacuuming or sweeping. However, spill area can be washed with water. Collect wash water for approved disposal. Prevent runoff from entering storm sewers and ditches which lead to natural waterways.

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7. HANDLING AND STORAGE

Handling

Avoid breathing dust. Avoid getting in eyes or on skin. Wash hands thoroughly after handling. Avoid contact with moisture.

Storage

Store dry at ambient temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection:	Safety glassed recommended.
Skin Protection:	Use appropriate protective clothing.
Hand Protection:	Protective leather, cloth or rubber gloves recommended.
Respiratory Protection:	Use a NIOSH/MSHA approved respirator when exposure limits may be exceeded.
Ventilation:	Local exhaust ventilation to collector or containment recommended.
Hygiene Measures:	Good industrial hygiene practices required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/E	Specific Gravity:	2.65 g/cc
Vapor Density:	Not Volatile	Appearance:	Miscellaneous Colors
Coating V.O.C.:	Not Volatile	Odor:	Odorless
Material V.O.C.:	Not Volatile	Melting Point:	N/A
Solubility in Water:	Insoluble	Evaporation Rate:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable. Keep away from flames and excessive heat as this could cause bag to ignite.
Incompatibility:	Dissolves in hydrofluoric acid.
Hazardous Byproducts:	None.

11. TOXICOLOGICAL INFORMATION

Chronic Toxicity

This product is not listed as a carcinogen by the IARC, NTP or OSHA.

According to the current knowledge this product is harmless. Therefore, no health damaging effects are expected if safety measures are followed. No specific testing has been done on this product.

12. ECOLOGICAL INFORMATION

No ecological testing has been done on this product.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Shipping Name:	Colored Quartz, Sand or Aggregate
Not Regulated:	Ship as Class 50

15. REGULATORY INFORMATION

U.S. Toxic Substances Control Act:	Compliant with regulations
Sara Title III – Sections 312 & 313:	Not hazardous.
California Proposition 65:	No ingredients in this product are known to cause cancer, birth defects or reproductive hazards
Canadian Domestic Substances List:	All ingredients in this product are listed or exempt from listing.

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16. OTHER INFORMATION

Disclaimer

The information contained herein is based on the data available to us and is believed to be correct. Torginol, Inc. makes no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Torginol, Inc. assumes no responsibility for injury, loss or damage from the use of the product described.

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established