

**URock[®]**
COLORED QUARTZ AGGRAGATEHMIS Codes: **H** **F** **R** **P**
 3 0 0 E**Section 1 - Manufacturer Identification****Manufacturer's Name:** UCoat It America, LLC.
Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326
Date Revised: 08-26-12**Emergency Phone:** Chemtrec - 1(800) 424-9300
Information Phone: 1(800) 826-2848
Name of Preparer: UCoat It America, LLC.**Section 2 - Composition / Information on Ingredients**

Components	CAS Number	OSHA PEL	ACGIH TLV	Concentration (%)
Crystalline Silica (Quartz)	14808-60-7	10mg/m3	0.05mg/m3	95-97%
Proprietary Resin(s)*	N/E			<1%
Titanium Dioxide Pigment*	13463-67-7	15mg/m3	10mg/m3	<1%
Iron Oxide Pigment	1309-37-1	15mg/m3	10mg/m3	<1%
Pigment(s)*	N/A			<1%

Crystalline 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 componets.

Section 3 - Hazards Identification

Routes of Entry:	Inhalation	Skin	Ingestion
	Yes	No	No

Signs and Symptoms of Exposure: Shortness of breath and reduced pulmonary function.

Health hazards (Acute and Chronic)

Acute Effects: Irritation of skin and dermatitis

Chronic Effects: Excessive inhalation of dust may reesult in respiratory disease such as silicosis, pulmonary fibrosis, etc.

The IARC has evaluated in vol. 42 (monographs) that there is "sufficent evidence for the carcinogenicity of crystalline silica dust to experimental animals" and "limited eidence" with respect to humans.

Carcinogenicity:	NPT?	IARC Monographs?	OSHA Regulated?
	Yes(Respirable Silica)	Yes* Level 2A Grouping	No

Medical Conditions generally Aggravated by Exposure: Lung disorders and persons subject to eye irritation.

Emergency and First Aid Procedures

EYES: Flush with water, holding lids open for 15 minutes or more. Call physcian for advise if necessary.

SKIN: Promptly wash with soap and water. DO NOT wash with solvents. Seek medical attention if irritation develops or persists.

INHALATION: Move person to fresh air if effects occur. If needed, give oxygen or artifical respiration to improve breathing. Consult physician.

INGESTION: Expected to be slightly toxic by ingestion. If swallowed, induce vomiting immediately as directed by a physician. get medical attention immediately. never give liquids to an unconscious or convulsing person.

OTHER HEALTH EFFECTS: Medical conditions which may be aggravated by exposure to the product include conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory disease. Sensitization may occur by skin contact.

NOTE: Persons with lung disorders or who are sensitized should not use this product.

Section 4 - Fire Fighting Measures

Flammable Limits in Air by Volume: Lower: N/A Upper: N/A

Flash point: N/A

Method Used: N/A

Extinguishing Media: N/A

Unusual Fire and Explosion Hazards: N/A



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Section 6 - Accidental Release Measures

In the Case of Accidental Release or Spill: Follow all recommendations regarding Personal Protective Equipment. Preferred method would be to scrape up spilled material and place in secondary container for disposal. Smaller spills can also be wiped up. Residual material can be removed with the assistance of hot water and soap. White water should be captured and contained for disposal.

Disposal Method: All material must be disposed in accordance with Federal, State, and Local Regulations. This includes any white water created in the cleaning of the spill.

Section 7 - Control Measures

Respiratory Protection (Specific Type)

"Provide adequate exhaust ventilation; use a NIOSH-approved respirator if PELs/TLVs are exceeded"

Ventilation: Local Exhaust: To meet PEL requirements. Mechanical: Adequate to meet PEL requirements. Special: None Known.

Protective Gloves: Recommended.

Eye Protection: Recommended.

Other Cautions: Use adequate ventilation and dust collection. To minimize exposure, wear a respirator approved for Silica dust when using, handling, storing or disposing of this product. Refer to the most recent standards of ANSI (Z88.2), OSHA (29 CFR 1910.134), MSHA (30 CFR Parts 56 and 57), and NIOSH Respirator Decision Logic. Maintain, clean and fit test respirators in accordance with OSHA Regulations.

Section 8 - Physical and Chemical Properties

Appearance: Various colored granules

Boiling Point: 4046°F

Vapor Pressure (MmHg): N/A

Evaporation Rate: N/A

Odor: No odor

Melting Point: 2930°F

Vapor Density (Air = 1): N/A

Water Solubility: Insoluble

Section 9 - Stability and Reactivity

Stability: Stable

Conditions To Avoid: None known

Incompatibility (Material To Avoid): Hydrofluoric Acid and powerful oxidizing agents

Hazardous Polymerization: Will not occur

Hazardous Decomposition Or By-Products: None known

Section 10 - Handling and Storage

Steps to be Taken in Case Material is Released or Spilled: Do not breathe dust. Do not rely on your sight to determine if dust is in the air. Silica may be in the air without visible dust cloud. Avoid creation of respirable dust.

Waste Disposal Method: Dispose waste material in a sanitary land fill or as regulated by Local, State and federal regulations.

Precautions to be taken in handling and storing: Avoid creation of respirable dust. Take precaution against container breakage.

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