

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Quartz Colorant

Product Use: Colorant

Manufacturer:

Jon-Don
400 Medinah Road, Roselle, IL 60172
(800) 556-6366

Supplier:

Jon-Don
400 Medinah Road, Roselle, IL 60172
(800) 556-6366

Info Trac:

(800) 535-5053 (24 hours)

Info Trac:

(800) 535-5053 (24 hours)

Preparer:

Jon-Don
(800) 556-6366

Prepared Date: 01/10/2012

SECTION 2. PRODUCT COMPONENTS

| Components | CAS# | OSHA PEL | ACGIH TLV | Concentration (%) |
|--|------------|---------------------|------------------------|-------------------|
| Crystalline Silica (Quartz) ¹ | 14808-60-7 | 10mg/m ³ | 0.05 mg/m ³ | 95-97% |
| Proprietary Resin(s)* | N/E | | | < 1% |
| Titanium Dioxide Pigment* | 13463-67-7 | 15mg/m ³ | 10mg/m ³ | < 1% |
| Iron Oxide Pigment(s)* | 1309-37-1 | 15mg/m | 10mg/m ³ | < 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 components.

SECTION 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point 4046° F
 Vapor Pressure (mm Hg) N/A
 Vapor Density (AIR = 1) N/A
 Solubility in Water Insoluble
 Appearance and Odor Various colored granules. No odor.
 Specific Gravity (H2O = 1) 2.65
 Melting Point 2930°F
 Evaporation Rate (Butyl Acetate = 1)... N/A

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method) N/A
 Flammable Limits LEL UEL
 Extinguishing Media N/A
 Special Firefighting Procedures N/A
 Unusual Fire and Explosion Hazards ... None

SECTION 5. REACTIVITY DATA

Stability Stable
 Incompatibility (Materials to Avoid) ... Hydrofluoric Acid and powerful oxidizing agents
 Hazardous Decomposition
 or Byproducts None Known
 Hazardous Polymerization Will not occur
 Conditions to Avoid None known

SECTION 6. HEALTH HAZARD DATA

Routes of Entry:
 Inhalation Yes
 Skin No
 Ingestion No
 Signs 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 result in respiratory disease such as silicosis, pulmonary fibrosis, etc.

The IARC has evaluated in vol. 42 (monographs) that there is "sufficient evidence for the carcinogenicity of crystalline silica dust to experimental animals" and "limited evidence" 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 physician for advice 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 area if effects occur. If needed, give oxygen or artificial 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 diseases. Sensitization may occur by skin contact.

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

SECTION 7. HANDLING AND STORAGE

Respiratory Protection (Specify 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 Precautions: 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. PRECAUTIONS FOR SAFE HANDLING AND USE

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 a 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 bag breakage.

SECTION 9. DISCLAIMER

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