



Material Safety Data Sheet

Increte Systems, Inc.

P. O. Box 151103

Tampa, Florida 33684

(813)886-8811 FAX (813)886-0188

Emergency Only 1-800-424-9300 (CHEMTREC)

International 1-703-741-5500

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Section I – Identification

Product Name: COLORCRETE (Integral Color)

Classification: Mixture of inert pigments

D.O.T. Hazard Class: Not listed

HMIS Rating

Health: 1

Flammability: 0

Reactivity: 0

Section II – Components

Ingredient	C.A.S.#	Wt.%	PEL	TLV	STEL	Notes
Titanium Dioxide	13463-67-7	0-100	5 mg/m ³	10 mg/m ³		Notes 1,2
Red Iron Oxide	1309-37-1	0-100	Not established			See note 2
Black Iron Oxide	1317-61-9	0-100	Not established			See note 2
Yellow Iron Oxide	51274-00-1	0-100	Not established			See note 2
Chrome Oxide	1308-38-9	0-100	.5 mg/m ³	.5 mg/m ³		Notes 1,2
Cobalt Aluminate	345-16-0	0-100	.1 mg/m ³	.1 mg/m ³		Notes 1,2
Copper Phthalocyanine	471-34-1	0-100	1 mg/m ³	1 mg/m ³		Notes 1,2
Silicon Dioxide	14808-60-7	<5	1 mg/m ³	.1 mg/m ³		Notes 1,2

Note 1: PEL and TLV as respirable dust

Note 2: Contents vary per color of product, see listed contents on label.

Section III – Physical Properties

Boiling Point: n.a.

Vapor Pressure: n.a.

Melting Point: n.a.

Vapor Density: n.a.

Evaporation Rate: n.a.

Specific Gravity: >2.6

Water Solubility: Insoluble

Non-volatile: >99%

Physical Appearance: white or colored powder

Section IV – Fire and Explosion Hazard Data

Flash Point: n.a.

Explosion Limits (LEL): n.a.

UEL: n.a.

Extinguishing Media: Not flammable, no special treatment required.

Hazardous Decomposition Products: None

Firefighting Procedures: No special procedures required for this product.

Special Fire & Explosion Hazards: None

Section V – Health Hazard Information

Primary Route(s) of Entry: Inhalation, skin contact, and eye contact.

Effects of Acute Overexposure:

Eyes – May cause irritation and abrasion to cornea. Symptoms include stinging, tearing, and redness.

Skin – May cause irritation and redness of skin.

Respiratory – Prolonged or repeated exposure may cause lung injury including silicosis.

This product contains crystalline silica which has caused cancer in laboratory animals after prolonged exposure. Some human studies indicate potential for lung cancer.

Ingestion – Although not likely to occur with proper use of product, ingestion of large amounts of this material may cause intestinal distress.

First Aid:

Eyes – Flush gently with water. If symptoms persist or vision is impaired, seek medical attention.

Skin – Wash affected area with soap and water. Contaminated clothing should be washed before reuse. If irritation persists, seek medical attention.

Respiratory – Remove individual to fresh air. If symptoms persist, seek medical attention.

Ingestion – Drink plenty of water and seek medical attention for discomfort.

Section VI – Chemical Reactivity

Stability: Material is stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Strong oxidizing agents.

Conditions to Avoid: Wet or damp storage and strong oxidizers.

Hazardous Decomposition Products: None.

Section VII – Spill Procedures

Small Spill: Clean up spill, avoid generating dust.

Large Spill: Clean up spill, avoid generating dust.

Waste Disposal Method: Generally, material can be disposed in a local landfill, however, any disposal practice must be in compliance with local, state, or federal agency. For further information, contact your local waste agency or the United States Environmental Protection Agency's RCRA hotline (1-800-424-9346)

Section VIII – Special Protection Information

Respiratory Protection: Use an approved respirator with dust protection, replace dust filters often.

Ventilation: Access to fresh air is important, but avoid any ventilation procedures which will produce unnecessary air-borne dust.

Gloves: If necessary, any latex, rubber, nitrile, neoprene or other type of water-proof glove should provide adequate protection.

Eye Protection: In heavy dust conditions, use goggles.

Other Protective Equipment: Wear appropriate work clothing to prevent skin contact. Wash clothing before reuse.

Section IX – Special Precautions

Handling and Storing: Avoid dust generation, store in a dry place.

Section X – Supplemental Information

This product is considered by OSHA to be a hazardous chemical and should be included in an employer's hazard communication program. This product has been reviewed according to the EPA Hazard Categories promulgated under SARA, Sections 311 and 312 and is considered a hazardous chemical and a delayed health hazard. Crystalline silica is considered to be a carcinogen by the State of California.

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