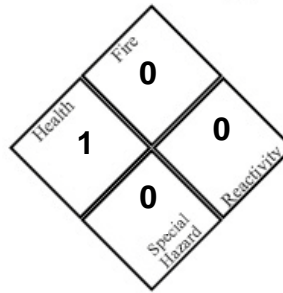




NFPA Rating



HMIS Rating

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	F

Material Safety Data Sheet

INNOTECH Integral Colors:

Colors: All

Revision Date: 1209

Page No.: 1 of 6

Version: 1

File Name: *Integral Colors MSDS_v121609*

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION:

Company:
Innotech Decorative Concrete Products
2055 Enterprise Parkway
Twinsburg, OH 44087
877.829.7880

24-Hour Emergency Response Information
CHEMTREC: 800.424.9300

Chemical Family: Inorganic Metal Oxides Mixture

Synonyms: Synthetic iron oxide

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS:

CAS NO.:	CHEMICAL NAME:	PERCENTAGE
14808-60-7	Quartz or Silicon Dioxide, crystalline	>0.1%

3. HAZARD IDENTIFICATION:

Emergency overview:

Medical Conditions generally aggravated by exposure to excessive airborne dust are the upper respiratory tract disorders.

Potential health effects:

Primary Routes of Entry-

Solids and liquids: Eye and skin contact, inhalation, ingestion

4. FIRST-AID MEASURES:

General advice:

Remove victim from area of contact to fresh air.

If in eyes:

Do NOT rub eyes. Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

If on skin:

Wash contacted area with soap and water; Do NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

If inhaled:

Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist, seek medical attention.

If swallowed:

Drink large quantities of water or milk; Induce vomiting. Never give anything by mouth to an unconscious person; seek medical attention immediately.

Note to physician: Repeated over exposure to this compound by cause eye, skin and respiratory tract irritation.

5. FIRE-FIGHTING MEASURES:

Flash point: N/A

LEL: **UEL:**
N/A N/A

Suitable extinguishing media: Dry chemical water spray, CO₂ or foam

Hazards during fire-fighting: Exposure to excessive heat greater than 131⁰ F (55 C) can cause this product to become unstable and slowly auto-oxidize from Fe₃O₄ to Fe₂O₃, which generates additional heat. Under certain conditions the heat may be sufficient to cause combustible materials to ignite.

Protective equipment for fire-fighting: Normal appropriate equipment/gear

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

Practice good housekeeping. Clean up any and all spills immediately.

Environmental precautions:

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, and final rinsing should be absorbed or vacuumed and disposed of in accordance with regulations.

Cleanup:

- *For small amounts of released material:* Clean spill area by means of dustless collection method and retain for reuse or disposal
 - *For large amounts of released material:* Material can be handled as a normal solid, inert, waste; avoid generating dust and collect in labeled waste container.
-

7. HANDLING and STORAGE:

Handling:

General advice – No specific measures are necessary provided product is used for intended purpose and good manufacturing techniques are employed.

Storage:

General advice- Keep dry, store at room temperature in unopened, original container; or tightly sealed, labeled container. Protect from physical damage. Store away from food and drink.

Shelf Life:

2 years

8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Advice on system design:

Use adequate general or local exhaust ventilation to minimize exposure.

Personal protective equipment (HMIS rating 'F'):

Eye protection: If working in confined area where dust is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.

Skin protection: Gloves; optional – coveralls or apron to reduce skin contact and keep personal clothing free of dust.

Respiratory protection: Wear dust (particulate) respirator (NIOSH TC-84A approved) as specified in OSHA CFR 29 1910.134.

General safety and hygiene measures: Wash thoroughly with soap and water after handling.

Exposure Guidelines:*

ACGIH TLV: 10 mg/m³

STEL: N/A

OSHA PEL: *Total dust = 15 mg/m³ TWA, Respirable = 5 mg/m³ TWA; ACGIH TLV 0.025mg/m³ respirable fraction quartz

9. PHYSICAL and CHEMICAL PROPERTIES:

Form:	Various colors of powder
Odor:	Odorless
pH/ 10% Solution:	4 to 7
Specific gravity:	4.2 to 4.9
Solidification temperature:	Unspecified
Freezing/Melting point:	Not applicable
Boiling point:	Not applicable
Vapor density:	Not applicable
Vapor pressure:	Not applicable
Evaporation Rate:	Not applicable
Solubility in water:	Insoluble

10. STABILITY and REACTIVITY:

Conditions to avoid: *Storage temperatures above 131 ° F due to possible slow oxidation*

Substances to avoid:

Reacts with strong acid to emit carbon dioxide

Hazardous reactions:

None

Decomposition or By-products:

CO and CO₂

Corrosion to metals:

None

11. TOXICOLOGY INFORMATION:

Acute Toxicity:

Oral: Not Established

Eye irritation: Not Established

Skin irritation: Not Established

Inhalation: Not Established

Sensitization: Skin: Not Established

Respiratory: Not Established

Chronic Toxicity:

Other information: Not established

12. ECOLOGICAL INFORMATION:

Biodegradation:

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Unspecified

Environmental toxicity:

Acute and prolonged toxicity to fish: Unspecified

Toxicity to microorganisms: Unspecified

Other ecotoxicological advice: Unspecified

13. DISPOSAL CONSIDERATIONS:

Waste disposal of substance:

Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, and final rinsing should be absorbed or vacuumed and disposed of in accordance with regulations.

Container disposal:

Dispose of at an approved landfill in accordance with local, state, federal and national regulations

RCRA:

Unspecified – none listed

14. TRANSPORTATION INFORMATION:

Land transportation:

Not regulated

Sea transportation:

IMDG: Not regulated

Air transportation:

IATA/ICAO: Not regulated

15. REGULATORY INFORMATION:

Federal Regulations:

Registration status:

TSCA, US :

Unspecified

OSHA hazard category:

Nuisance Dust; Acute Hazard: Yes Chronic Hazard: Yes
Crystalline silica (quartz) is not regulated as a human carcinogen but as a toxic and hazardous substance.

SARA hazard category (EPCRA 311/312):

Unspecified

This product contains a chemical know to the state of California to cause cancer.

Revision Date: 1209 Version 1

16. OTHER INFORMATION:

NFPA Rating:

Health: 1 Fire: 0 Reactivity: 0 Special Hazard: none

HMIS III Rating:

Health: 1 Flammability: 0 Physical Hazard: 0
Personal Protection: F =_safety glasses, gloves, dust respirator as needed

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

HMIS III personal protection ratings A-K are specified by HMIS.

Reason for Revision:

New Product Document

Reviewed:

JB / 1209

Local Contact Information:

Innotech Decorative Concrete Products
877.829.7880 (8 a.m. to 5 p.m., M-F, EST)
www.innotechdcp.com

24-Hour Emergency Response Information:

CHEMTREC: 800.424.9300

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END OF DATA SHEET
