

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [DK Metallics](#)

Product Description: Suspended reflective pigments

Intended Use: Decorative high-gloss seamless epoxy flooring

Company

Manufacturer: SureCrete Design Products, Inc.

15246 Citrus Country Drive

Dade City, FL 33523

USA

Contact: 1-352-567-7973 (telephone general)

1-800-262-8200 Chemtrec

+1 703-741-5500 Chemtrec International

info@surecretedesign.com (e-mail)

1-352-521-0973 (facsimile)

SECTION 2 Hazards Identification

Classification of substance or mixture:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

| | | |
|-----------------|-------------|------|
| Skin Irritation | Category 2 | H315 |
| Eye irritation | Category 2A | H319 |
| STOT SE | Category 3 | H335 |

GHS Label Elements:

Hazard Symbol:



Signal Word: Warning

Label Hazard Statements:

H315: Causes skin irritation

H319: Causes serious eye irritation

H335: May cause respiratory irritation

Label Precautionary Statements:

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/eye protection/face protection.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if



present and easy to do. Continue rinsing

P304+340+312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

P332+313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention

P302+352: IF ON SKIN: Wash with plenty of water

P362+364: Take off contaminated clothing and wash it before reuse.

P403+233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard Ratings

| | <i>health</i> | <i>flammability</i> | <i>reactivity</i> |
|-------------|---------------|---------------------|-------------------|
| HMIS | 1 | 0 | 0 |
| NFPA | 1 | 0 | 0 |

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

| Ingredient | CAS # | EC# | % (by weight) |
|-------------------|--------------|------------|----------------------|
| Hazardous | | | |
| Mica | 12001-26-2 | ND | <61% |
| Ferric oxide | 1309-37-1 | ND | <42% |

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 First Aid Measures

Eye Contact: Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

Skin Contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

Ingestion: If swallowed and symptoms occur, consult a doctor.

Most important symptoms and effects, both acute and delayed: No data available.

SECTION 5 Fire Fighting Measures

Suitable Extinguishing Media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special Hazards: Not flammable.

Unusual Fire and Explosion Hazard: No data available.

Advice for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.



SECTION 6 Accidental Release Measures

Personal precautions: Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods for clean-up: Ensure adequate ventilation. Avoid the formation of dust. Use the appropriate tools to collect the material and dispose of it in an approved waste disposal container. Dispose contaminated material as waste according to section 13.

Reference to other sections: See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7 Handling and Storage

Handling: No special precautions are required

Conditions of safe storage, including any incompatibilities: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

SECTION 8 Exposure Control / Personal Protection

Exposure limit values:

| Component | Value / Source | | |
|------------------------------|----------------|---|----------------------|
| Mica (CAS 12001-26-2) | PEL | <1% crystalline silica | 20 ppm |
| Mica (CAS 12001-26-2) | REL | Respirable dust containing <1% crystalline silica | 3 mg/m ³ |
| Mica (CAS 12001-26-2) | TLV | As respirable fraction | 3 mg/m ³ |
| Ferric oxide (CAS 1309-37-1) | PEL | Fume | 10 mg/m ³ |
| Ferric oxide (CAS 1309-37-1) | PEL | Total dust | 15 mg/m ³ |
| Ferric oxide (CAS 1309-37-1) | PEL | Respirable fraction | 5 mg/m ³ |
| Ferric oxide (CAS 1309-37-1) | REL | Dust and fume | 5 mg/m ³ |
| Ferric oxide (CAS 1309-37-1) | TLV | As respirable fraction | 5 mg/m ³ |

Personal Protective Equipment

Eye protection: Safety glasses.

Hand protection: Protective gloves.

Respiratory protection: Respiratory protection is not required unless handling of the material produces nuisance airborne concentrations.

Hygiene Measures: Do not eat, drink or smoke during use.



General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing and wash before reuse. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

SECTION 9 Physical and Chemical Properties

General

Physical state: Powder
Color: Varies
Odor: Odorless
Odor Threshold: Not available

Safety Data

pH in water: Not applicable
Melting point: Not available
Boiling point: Not available
Flash point: Not applicable
Freeze Point: 32 °F (0 °C)
Evaporation rate: Not applicable
Danger of explosion: Product does not present an explosion hazard
Explosion limits:
 Upper: Not available
 Lower: Not available
Vapor pressure (mm Hg.): Not applicable
Density:
 Relative density: Not available
 Vapor density: Not applicable
 Evaporation rate: Not applicable
Solubility in / Miscibility with Water: Soluble
Partition coefficient (n-octanol/water): Not available
Viscosity:
 Dynamic: Not available
 Kinematic: Not available

SECTION 10 Stability and Reactivity

Reactivity: No data available.

Chemical stability: Stable under normal conditions.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of Hazardous reactions: No dangerous reactions known.

Conditions to avoid: No data available.

Incompatible materials: Strong acids, Peroxides, Chloroformates.



Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11 Toxicological Information

Acute Toxicity

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eyes: Irritating effect. Causes serious eye irritation.

Carcinogenic categories

IARC: Not classifiable as to its carcinogenicity to humans.

NTP: None of the ingredients are listed.

OSHA: None of the ingredients are listed.

SECTION 12 Ecological Information

Aquatic toxicity: No data available.

Persistence and degradability: No data available.

Bio accumulative potential: No data available.

Mobility in soil: No data available.

Additional ecological information: Not known to be hazardous in water.

SECTION 13 Disposal Considerations

Methods of disposal: Dispose of contents/container in accordance with local/regional/national/international regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Recommended cleansing agent: Water, if necessary with cleansing agents.

Section 14 Transport Information

DOT: This product is not regulated for transport.

ARD/RID: This product is not regulated for transport.

IMDG: This product is not regulated for transport.

IATA: This product is not regulated for transport.

SECTION 15 Regulatory Information

US federal regulations:

Listed on the U.S. EPA **TSCA** Inventory List. (Ferric oxide 1309-37-1)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: None of the ingredients listed.

SARA 313 (TRI reporting): None of the ingredients listed.



US state regulations: None of the ingredients listed.

SECTION 16 Other Information

Recommended restriction: for use by trained professionals, having read the complete SDS

Other useful guides to handling organic powders include:

- NFPA 77: *Recommended Practice on Static Electricity.*
 - NFPA 654: *Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids.*
 - NFPA 499: *Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.*
 - OSHA 3371-08: *Hazard Communication Guidance for Combustible Dusts.*
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