1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Product Name: Irradiant Pearl
Product Code: SCI-101
Product Use: Colorant

2. COMPOSITION/INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Emergency Overview:
Most Important Hazards: Prolonged or repeated exposure may cause lung damage
Potential Health Effects:
Inhalation: May cause irritation of the respiratory tract Prolong or repeated exposure cause lung damage.
Ingestion: No adverse health effects are expected from swallowing.
Skin Contact: May cause skin irritation
Eye Contact: Dust may cause irritation and inflammation
Chronic Health Hazards: Prolonged or repeated exposure to dust may cause pulmonary problems
Aggravated Medical Conditions: Pulmonary disorders, Allergies

Ingredient Weight in Product (%)

<table>
<thead>
<tr>
<th>Notes</th>
<th>Ingredient</th>
<th>Weight (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Mica</td>
<td>72–76</td>
</tr>
<tr>
<td>None</td>
<td>Titanium Dioxide</td>
<td>24–28</td>
</tr>
</tbody>
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4. FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention
Ingestion: If large quantities are ingested, seek medical advice. Not a hazard under normal use conditions.
Skin Contact: Wash with soap and water. Get medical attention if irritation persists.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point, °C: Not Applicable
Autoignition Temperature, °C: Not Applicable
Lower Explosive Limit, %: Not Applicable
Upper Explosive Limit, %: Not Applicable
Extinguishing Media: Use extinguishing media appropriate for surrounding fire. The product itself does not burn
Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus
Unusual Fire and Explosion Hazards: Not a fire or explosion hazard

6. SPILLAGE, ACCIDENTAL RELEASE MEASURES
Spill Procedures: Scoop up or vacuum into a container for reclamation or disposal avoid dusting
Environmental Precautions: No special environmental precautions required

7. HANDLING AND STORAGE
Material may be slippery when wet.
Store in cool dry place.
Avoid breathing dust.
Wash thoroughly after handling.
Avoid contact with eyes.
Use only with adequate ventilate on.

8. EXPOSURE CONTROLS/PERSOAL PROTECTON
Eye protective equipment: Safety glasses with side shields
Hand protection: Choosing the right material of gloves to be worn when handling the dust or preparation
Respiratory protection: Use a NIOSH/MSHA approved respirator as necessary to protect from dust
Skin protection: Use apron, boots or full protective suit
Ventilation: General ventilation, Local exhaust ventilation is recommended control exposures to within applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES
Form: Powder
Color: Irradiant Pearl
Odor: Odorless
PH: 6.0–9.0(4%H2O)
Boiling Point, °C Not applicable
Melting Point, °C Decomposes
Freezing Point, °C Not applicable
Density: 2.9–3.0kg/L
Bulk Density: 12–16g/100g
Vapor Pressure: Not applicable
Solubility (in water) Insoluble
Particle size 10–70µm

10. STABILITY AND REACTIVITY
Stability Data: Stable
Conditions/Hazards to Avoid: None known
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition Products: None known
Polymerization: Will not occur
Polymerization–Avoid: None known

11. TOXICOLOGICAL INFORMATION
This inorganic pigment in general are considered to be practically non-toxic
Acute Toxicity Inhalation: Not Available.
Carcinogenicity: Not available

12. ECOLOGICAL INFORMATION
Information on product: No ecological problems are to be expected when the product is handled and used with due care and attention.
Environmental Fate: No data available
Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATIONS
US EPA Waste Number: Not Regulated
Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

14. TRANSPORT INFORMATION
International Transport Regulations:
UN/PIN Number: NONE
US Transportation Regulations:
DOT Classification: Not Regulated
Canadian Transportation of Dangerous Goods (TDG):
TDG Classification: Not Regulated

15. REGULATORY INFORMATION
International inventories:
United States: This product or its ingredients are listed on or compliant with the TSCA inventory.
Europe: This product or its ingredients are listed on or compliant with EINECS.
Korea: Not Determined
US Federal Regulations:
SARA 311/312 Hazard Categories:
Acute Heath Hazard
CAA 602 Ozone Depleting Substances (ODS):
This product either contains nor is manufactured with an ozone depleting substance subject to the labeling requirements Of the Clean Air Act Amendments 1990 and 40 CFR Part 82.
VOC content: None
US State Regulations:
VOC Content (CARB): None
Canadian Regulations:
WHMIS Classification:
Not Regulated

16. OTHER INFORMATION
The Material Safety Data Sheet (MSDS) is a detailed describes information bulletin prepared by the manufacturer or importer of a chemical that the physical and chemical properties, physical and health hazards, routes of exposure, precautions for safe handling and use, emergency and first-aid procedures, and control measures. Information on an MSDS aids in the selection of safe products and helps prepare employers and employees to respond effectively to daily exposure situations as well as to emergency situations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, License granted to make unlimited copies for internal use only, End of MSDS——