



# SAFETY DATA SHEET

## 1. Product Identification

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Product name	CastFx Dry Color Pigments
Synonyms	
SDS Number	31XXS06
Product type	Pearlescent color pigments.
Recommended use of the chemical and restrictions on use	Tint and colorant for casting resins.
Restrictions	None known.
Manufacturer/Supplier information	
Company name	SYSTEM THREE RESINS, INC.
Address	8517 Commerce Place Dr NE Lacey, WA 98516 United States
Telephone	1-253-333-8118
Website	www.systemthree.com
Email	support@systemthree.com
Emergency Contact	CHEMTEL (U.S. and CANADA) 1-800-704-9215 CHEMTEL (Outside the U.S.) – Call Collect accepted +1-360-256-7365

## 2. Hazard(s) Identification

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Classification of substance or mixture/Signal Word This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.120).

GHS Label Elements  
Hazard Pictograms

Hazard Statements/Classification of substance or mixture None Available.

Precautionary statements

Precautionary Statements  
Prevention None Available.

Response None Available.

Storage None Available.

Disposal None Available.

Hazards not otherwise classified (HNOC) None Available.

## 3. Composition/Information On Ingredients

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Chemical Name	CAS Number	Content (%)
Mica	12001-26-2	0 – 100
Iron Oxide	1309-37-1	0 – 100

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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

#### 4. First-Aid Measures

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<b>Skin contact</b>	Wash off with soap and water. If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed, seek medical advice immediately. Not a hazard under normal use conditions.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b><u>Indication of immediate medical attention and special treatment needed, if necessary</u></b>	
<b>Notes to physician</b>	Treat symptomatically
<b>Specific treatments</b>	No specific treatment.

#### 5. Fire-Fighting Measures

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<b>Suitable extinguishing media</b>	Not available.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	None.
<b>Hazardous decomposition products</b>	
<b>Special protective actions for fire-fighters</b>	Not available.
<b>Special protective equipment for fire-fighters</b>	Not available.
<b>Further information</b>	This product is not known to present any fire hazard.

#### 6. Accidental Release Measures

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<b>Personal precautions</b>	Use recommended protective clothing and respiratory protection.
<b>Emergency procedures</b>	Not available.
<b>Methods and materials for containment/cleanup</b>	Use shovel to reclaim material. Vacuum or scoop material into an appropriately marked container for reuse or disposal. Avoid excess generation of dust. It is more effective to clean this product while dry by vacuuming or sweeping. However, spill area can be washed with water. Collect wash water for approval disposal.
<b>Environmental precautions</b>	Prevent runoff from entering storm sewers and ditches which lead to natural waterways.

#### 7. Handling and Storage

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<b>Precautions for safe handling</b>	Material may be slippery when wet. Avoid breathing dust. Wash thoroughly after handling. Avoid contact with eyes. Use only with adequate ventilation.
<b>Precautions/Recommendations for safe/proper storage</b>	Store in a cool, dry place. No specific storage required.

#### 8. Exposure Controls/Personal Protection

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<b>Occupational Exposure Limits</b>	None established.
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<b>Appropriate engineering controls</b>	Local exhaust ventilation to collector or containment recommended.
<b>Environmental exposure controls</b>	Use appropriate containment to avoid environmental contamination. Do not allow spill to enter sewers or waterways.
<b>Individual protection measures/Personal protective equipment</b>	
<b>Eye/face protection</b>	Safety glasses recommended.
<b>Hand protection</b>	Protective leather, cloth or rubber gloves recommended.
<b>Skin protection</b>	Use appropriate protective clothing.
<b>Respiratory protection</b>	Use NIOSH/MSHA approved respirator when exposure limits may be exceeded.
<b>Special instructions for protection and hygiene</b>	Good industrial hygiene practices required.

## 9. Physical and Chemical Properties

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<b>Chemical family</b>	Mineral
<b>Appearance</b>	Powder
<b>Physical State</b>	
<b>Form</b>	Powder
<b>Color</b>	Various
<b>Odor</b>	Odorless
<b>Density</b>	3.1 – 3.2 kg/L
<b>Viscosity</b>	Data not available
<b>pH</b>	6.0 – 9.0 (4% H <sub>2</sub> O)
<b>Melting point/freezing point</b>	Not applicable
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Flash point</b>	Data not available
<b>Evaporation rate</b>	Data not available
<b>Flammability (solid, gas)</b>	Data not available
<b>Upper/lower flammability limit (by volume)</b>	Data not available
<b>Upper flammability limit (by volume)</b>	Data not available
<b>Lower flammability limit (by volume)</b>	Data not available
<b>Material VOC</b>	None
<b>Vapor density</b>	Data not available
<b>Bulk density</b>	16 – 20g/100g
<b>Solubility in water</b>	Insoluble in water
<b>Partition coefficient: n-octanol/water</b>	Data not available
<b>Auto-ignition temperature</b>	Data not available
<b>Decomposition temperature</b>	Data not available

## 10. Stability and Reactivity

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<b>Reactivity</b>	None
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<b>Chemical Stability</b>	Stable
<b>Possibility of hazardous reactions</b>	None
<b>Conditions to avoid</b>	None
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	None known.
<b>Other hazards</b>	None known.

## 11. Toxicological Information

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<b><u>Acute Health Hazard</u></b>	No data is available for this product.
<b><u>Irritation/Corrosion</u></b>	No data is available for this product.
<b><u>Sensitization</u></b>	No data is available for this product.
<b><u>Mutagenicity</u></b>	No data is available for this product.
<b><u>Carcinogenicity</u></b>	No data is available for this product.
<b><u>Reproductive Toxicity</u></b>	No data is available for this product.
<b><u>Teratogenicity</u></b>	No data is available for this product.
<b><u>Specific target organ toxicity (single exposure)</u></b>	No data is available for this product.
<b><u>Specific target organ toxicity (repeated exposure)</u></b>	No data is available for this product.
<b><u>Aspiration hazard</u></b>	No data is available for this product.
<b><u>Potential acute health effects</u></b>	No data is available for this product.
<b><u>Symptoms related to the physical, chemical and toxicological characteristics</u></b>	No data is available for this product.
<b><u>Delayed and immediate effects and also chronic effects from short and long term exposure</u></b>	The substance is toxic to lungs, mucous membranes. Possible skin irritant.
<b><u>Potential chronic health effects</u></b>	
<b>General</b>	This product is not listed as a carcinogen by the IARC, NTP, or OSHA. According to the current knowledge this product is harmless. Therefore, no health damaging effects are expected if safety measures are followed. No specific testing has been done on this product. Special remarks on other toxic effects on humans: nuisance dust.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.
<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Teratogenicity</b>	No known significant effects or critical hazards.
<b>Developmental effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.

### **Numerical measures of toxicity**

#### **Acute toxicity estimates (ATEmix)**

<b>Route</b>	<b>ATE value</b>
Oral	N/A
Dermal	N/A

Inhalation (vapors)	N/A
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## 12. Ecological Information

<b>Ecotoxicity</b>	No ecological testing has been done on this product.
<b>Persistence and degradability</b>	No information on the product itself.
<b>Bioaccumulative Potential</b>	No information on the product itself.
<b>Mobility in Soil</b>	
<b>Soil/water partition coefficient (KOC)</b>	No information on the product itself.
<b>Other adverse effects</b>	No know significant effects or critical hazards.

## 13. Disposal Considerations

<b>Waste from residues/ unused products</b>	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Product should not be allowed to enter drains, water courses or the soil; dispose of this material and its containers in a safe way.
<b>Contaminated packaging</b>	Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. Transport Information

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

### International Transport Regulations

Regulatory information	UN/NA number	Proper Shipping Name	Classes/*PG	Additional Information
DOT		Non-regulated		
TDG		Non-regulated		
IMO/IMDG		Non-regulated		
IATA		Non-regulated		

\*PG: Packing group

<b>Special precautions for user:</b>	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
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## 15. Regulatory Information

### UNITED STATES

#### U.S. Federal Regulations

**United States – TSCA 12(b) – Chemical export notification:** None Required.  
**United States – TSCA 5(a)2 – Final significant new use rules:** Not Listed.  
**United States – TSCA 5(a)2 – Proposed significant new use rules:** Not Listed.  
**United States – TSCA 5(e) – Substance consent order:** Not listed.

<b>Clean Air Act – Ozone Depleting Substances (ODS)</b>	This product does not contain nor is it manufactured with ozone depleting substances.
<b>Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)</b>	None.
<b>Pennsylvania – RTK</b>	None.
<b>California Prop. 65</b>	No ingredients in this product are known to cause cancer, birth defects or reproductive hazards.
<b>EPA SARA 302 Extremely Hazardous Substances</b>	None required.
<b>EPA SARA 302/304/311/312 Hazardous Chemicals</b>	None.
<b>SARA 313</b>	Not hazardous.
<b>Form R – Reporting requirements</b>	
<b>CERCLA Hazardous substances</b>	None required.
<b>United States inventory (TSCA 8b)</b>	All components are listed or exempted.

**CANADA**

<b>WHMIS (Canada)</b>	None.
<b>Canadian NPRI</b>	None required.
<b>CEPA Toxic substances</b>	None required.

**INTERNATIONAL REGULATIONS**

<b>International Lists</b>	<b>Canada Domestic Substances List:</b> All components are listed or exempted.
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**16. Other Information, Including Date of Preparation or Last Revision**

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**HMIS Rating**

<b>Health</b>	<b>0</b>
<b>Flammability</b>	<b>0</b>
<b>Physical Hazard</b>	<b>0</b>

<b>Date of Preparation</b>	December 9, 2019
<b>Date of Last Revision</b>	
<b>Revision #</b>	1.0
<b>More Information</b>	1-253-333-8118
<b>Prepared by</b>	System Three Resins Inc.

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