

SYSTEMTHREE

Safety Data Sheets (SDS)

Updated: July 13, 2023

This file contains Safety Data Sheets for the CastFX Dry Color Pigments (all colors) family of products.

If this is a medical emergency, call 911 or your local poison control center. Seek medical attention.

For technical assistance, call System Three Technical Support at 253-333-8118 option 2.

These SDS are provided pursuant to 29 CFR 1910.1200(g).

1. Product Identification

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

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 None Available.

Prevention

Response None Available.

Storage None Available.

Disposal None Available.

Hazards not otherwise classified (HNOC) None Available.

3. Composition/Information On Ingredients

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

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

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

5. Fire-Fighting Measures

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

6. Accidental Release Measures

Personal precautions	Use recommended protective clothing and respiratory protection.
Emergency procedures	Not available.
Methods and materials for containment/cleanup	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.
Environmental precautions	Prevent runoff from entering storm sewers and ditches which lead to natural waterways.

7. Handling and Storage

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

8. Exposure Controls/Personal Protection

Occupational Exposure Limits	None established.
-------------------------------------	-------------------

Appropriate engineering controls	Local exhaust ventilation to collector or containment recommended.
Environmental exposure controls	Use appropriate containment to avoid environmental contamination. Do not allow spill to enter sewers or waterways.
Individual protection measures/Personal protective equipment	
Eye/face protection	Safety glasses recommended.
Hand protection	Protective leather, cloth or rubber gloves recommended.
Skin protection	Use appropriate protective clothing.
Respiratory protection	Use NIOSH/MSHA approved respirator when exposure limits may be exceeded.
Special instructions for protection and hygiene	Good industrial hygiene practices required.

9. Physical and Chemical Properties

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

10. Stability and Reactivity

Reactivity	None
-------------------	------

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

11. Toxicological Information

<u>Acute Health Hazard</u>	No data is available for this product.
<u>Irritation/Corrosion</u>	No data is available for this product.
<u>Sensitization</u>	No data is available for this product.
<u>Mutagenicity</u>	No data is available for this product.
<u>Carcinogenicity</u>	No data is available for this product.
<u>Reproductive Toxicity</u>	No data is available for this product.
<u>Teratogenicity</u>	No data is available for this product.
<u>Specific target organ toxicity (single exposure)</u>	No data is available for this product.
<u>Specific target organ toxicity (repeated exposure)</u>	No data is available for this product.
<u>Aspiration hazard</u>	No data is available for this product.
<u>Potential acute health effects</u>	No data is available for this product.
<u>Symptoms related to the physical, chemical and toxicological characteristics</u>	No data is available for this product.
<u>Delayed and immediate effects and also chronic effects from short and long term exposure</u>	The substance is toxic to lungs, mucous membranes. Possible skin irritant.
<u>Potential chronic health effects</u>	
General	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.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates (ATEmix)

Route	ATE value
Oral	N/A
Dermal	N/A

Inhalation (vapors)	N/A
---------------------	-----

12. Ecological Information

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

13. Disposal Considerations

Waste from residues/ unused products	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.
Contaminated packaging	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

Special precautions for user:	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.
--------------------------------------	--

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.

Clean Air Act – Ozone Depleting Substances (ODS)	This product does not contain nor is it manufactured with ozone depleting substances.
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	None.
Pennsylvania – RTK	None.
California Prop. 65	None required.
EPA SARA 302 Extremely Hazardous Substances	None required.
EPA SARA 302/304/311/312 Hazardous Chemicals	None.
SARA 313	Not hazardous.
Form R – Reporting requirements	
CERCLA Hazardous substances	None required.
United States inventory (TSCA 8b)	All components are listed or exempted.

CANADA

WHMIS (Canada)	None.
Canadian NPRI	None required.
CEPA Toxic substances	None required.

INTERNATIONAL REGULATIONS

International Lists	Canada Domestic Substances List: All components are listed or exempted.
----------------------------	--

16. Other Information, Including Date of Preparation or Last Revision

HMIS Rating

Health	0
Flammability	0
Physical Hazard	0

Date of Preparation	March 3, 2023
Date of Last Revision	December 9, 2019
Revision #	2.0
More Information	1-253-333-8118
Prepared by	System Three Resins Inc.

The information contained herein is based on the data available to us and is believed to be correct. However, System Three Resins, Inc. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. System Three assumes no responsibility for injury from the use of the product described herein.