



CFS-CTR SERIES
Epoxy Pigments
Safety Data Sheet

SDS Revision Date: 1/16/2025

1. Product and Company Identification

Product Name	Epoxy Pigments
Product Codes	Epoxy Pigments Super White 433, Silver 524, Light Grey 885, Pale Grey 306, Grey 305, Medium Grey 663, Steel Grey 365, Charcoal 470, Black 459, Almond 431, Pebble stone 437, Beige 999, Light Brown 248, Chocolate 933, Dark Brown 939, Dark Yellow 331, Lime Green 952, Aqua 517, Forest Green 454, Medium Blue 360, Pale Blue 521, Deep Blue 353, Light Purple 530, Terra Cotta 376, Burgundy 375, Yellow 330, Orange 317, Red 316, Blue 915, Green 454, Purple 523, Light Green 446
Manufacturer	Concrete Floor Solutions, Inc.
Street Address	6801 Tilghman Street #113
City, State, Zip	Allentown, PA 18106
Information Phone	610-366-0208
Emergency Phone	610-366-0208
Prepared By	Jason Kehnel
Date Revised	1/16/2025

2. Hazards Identification

Appearance: Colored liquids

Physical State: Liquid

GHS Classification: carcinogenicity category 2.



Signal Word: Warning

Hazard Statements:

Suspected of causing cancer.

Precautionary statements:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Response

If exposed or concerned, get medical advice/attention.

Disposal:

Dispose of contents/container in an approved waste disposal plant.

3. Composition/Information on Ingredients

Ingredient	CAS NO.	Weight %
Castor Oil	8001-79-4	75-80
Titanium Dioxide	13463-67-7	15-22
Carbon Black	1333-86-4	0.1-1

SECTION 3 NOTES: If chemical name/CAS No is “proprietary” and/or weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First Aid Measures

Eyes: Rinse cautiously with plenty of water for at least 15 minutes lifting lower and upper eyelids. Consult a physician.

Skin: Wash off immediately with plenty of water for at least 15 minutes.

Ingestion: Clean mouth with water and drink plenty of water afterwards.

Inhalation: Remove to fresh air.

Most important symptoms and effects, both acute and delayed:

Suspected of causing cancer.

5. Fire Fighting Measures

Extinguishing media water fog, foam, dry chemical powder, CO2

Unsuitable extinguishing media water jet

Specific hazards arising from the chemical: during fire, nitrous gases, fumes/smoke, isocyanates, and vapor may be formed.

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear.

6. Release Measures

Personal precautions: As a general precaution, take personal precautions to not breathe gas, vapors, or dust. Do not get in eyes, on skin or clothing. Use appropriate personal protective equipment. In the event of an emergency, evacuate any unnecessary personnel.

Environmental practices: As an environmental precaution, prevent spillage to sewers, public waters, and do not penetrate ground/soil. See section 12 for additional ecological information.

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for clean up: For containment, ensure adequate ventilation and absorb any spill or inert liquid binding material to dispose of waste safely.

7. Handling and Storage

Precautions to be taken in handling and storage - Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Other precautions - Store locked up.

Incompatible materials: Water, amines, substances that react to polyureas.

8. Exposure Controls/Personal Protection

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium dioxide 13463-67-7	TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³ TWA: 2.4 mg/m ³ CIB 63 fine TWA: 0.3 mg/m ³ CIB 63 ultrafine, including engineered nanoscale
Carbon Black 1333-86-4	TWA: 3 mg/m ³ inhalable particulate matter	TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

Engineering Controls: Showers, eyewash stations, ventilation systems.

Eye/Face Protection: Use tightly sealed goggles or safety glasses with side shields which are resistant to Chemicals. Refer to 29 CFR 1910.133 for eye and face protection regulations

Skin and Body Protection: Wear chemical resistant protection gloves. Wear impervious clothing as necessary to protect against coming in contact with the product. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection: Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations: Do not eat, drink or smoke during work. Avoid all contact with skin or eye. If clothing comes into contact with material, do not allow out of the workplace.

Clean hands and any exposed skin thoroughly after work and before breaks

9. Physical and Chemical Properties

Appearance and Odor - Colored liquids, odor not determined

Color - May Vary

pH - N/A

Melting point/freezing point - -10 C/14 F

Initial boiling point and boiling range - 229 C/444.2 F

Flash point - 229 C/444.2 F

Evaporation rate - not determined

Flammability (solid,gas) - not determined

Upper flammability or explosive limits - N/A

Lower flammability or explosive limits - N/A

Vapor pressure - not determined

Vapor density - N/A

Relative density - 1.45-1.55

Water solubility - insoluble in water

Solubility in other solvents - not determined

Partition coefficient - not determined

Autoignition temperature - 448 C/838.4 F

Decomposition temperature - not determined

Kinematic viscosity - not determined

Dynamic viscosity - not determined

Explosive properties - not determined

Oxidizing properties - not determined

10.Stability and Reactivity

Reactivity - not reactive under normal conditions

Chemical stability - stable under recommended storage conditions

Possibility of hazardous reactions - risk of bursting. Reacts with alcohol, acids, alkalis, amines.

Risk of exothermic reaction.

Conditions to avoid - keep away from heat, sparks, and open flame. Avoid high temperatures.

Avoid contact with incompatible materials.

Incompatible materials - water, amines, substances that react to polyureas.

Hazardous decomposition products - none known based on information supplied

11. Toxicological Information

Information on likely routes of exposure

Eye contact - avoid contact with eyes

Skin contact - avoid contact with skin

Inhalation - do not inhale

Ingestion - do not ingest

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	>10000 mg/kg (rat)		5.09 mg/l (rat) 4h
Carbon Black 1333-86-4	>15400 mg/kg (rat)		>4.6 mg/m3 (rat) 4h

Symptoms related to physical, chemical, and toxicological characteristics

Symptoms - Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long term exposure

Carcinogenicity - Suspected of causing cancer.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	A3	Group 2B		X
Carbon Black 1333-86-4	A3	Group 2B		X

Numerical Measures of Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 - 10154.80 mg/kg

ATEmix (inhalation dust/mist) - >5 mg/l

12. Ecological Information

Ecotoxicity - the product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence/degradability - not determined

Bioaccumulation - there is no data for this product

Mobility- not determined

Other adverse effects - not determined

13. Waste Disposal

Waste Disposal Method: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. Transport Information

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not Regulated

IATA: Not Regulated

IMDG: Not Regulated

15. Regulatory Information

Chemical name	TSCA	TSCA Inventory Status	DSL/N DSL	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Castor Oil	X	Active	X	X		X	X	X	X
Titanium Dioxide	X	Active	X	X	X	X	X	X	X
Carbon Black	X	Active	X	X	X	X	X	X	X

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals.

This product contains the following Proposition 65 chemicals.

Titanium Dioxide 13463-67-7 Carcinogen

Carbon Black 1333-86-4 Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Titanium Dioxide 13463-67-7	X	X	X
Carbon Black 1333-86-4	X	X	X

16. Other Information

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

N/A = Not Available

See Section 1 for date of preparation

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