Safety Data Sheet

Issue Date: 14-Dec-2023 Revision Date: 09-Apr-2024 Version 2

1. IDENTIFICATION

Product identifier

Product Name SCI-UBASE

Other means of identification

SDS # SCIC-036

Product Code 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

Recommended use of the chemical and restrictions on use

Recommended UseUniversal colored pigment dispersions.

Details of the supplier of the safety data sheet

Supplier Address

THIS SAFETY DATA SHEET IS NOT COMPLIANT UNLESS U.S. ADDRESS IS USED

Emergency telephone number

Emergency Telephone INSERT PHONE NUMBER(S)

2. HAZARDS IDENTIFICATION

Appearance: Colored Liquids Physical state: Liquid

Classification

Carcinogenicity Category 2

Signal Word

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Warning

Hazard statements

Suspected of causing cancer



<u>Precautionary Statements - Prevention</u>

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required

<u>Precautionary Statements - Response</u>
If exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

<u>Precautionary Statements - Disposal</u>

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	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

^{**}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

Description of first aid measures

General Advice If exposed or concerned: Get medical advice/attention.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper

eyelids. Consult a physician.

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

Inhalation Remove to fresh air.

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

Most important symptoms and effects, both acute and delayed.

Symptoms Suspected of causing cancer.

Indication of any immediate medical attention and special treatment needed.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

In case of fire: water fog, foam, dry chemical powder, carbon dioxide (CO2).

Unsuitable Extinguishing

Do not use water jet as it might spread flame.

Media

Specific Hazards Arising from the Chemical

During fire, nitrous gases, fumes/smoke, isocyanates, and vapor may be formed.

Hazardous combustion products: Combustion products may include acidic hydrogen chloride & hydrogen fluoride, carbon oxide, hydrocarbons, nitrogen oxides and smoke.

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. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions As a general precaution, take personal precautions not to breathe gas, vapors, or dusts.

Do not get in eyes, on skin or clothing. Use appropriate personal protection equipment.

In the event of an emergency, evacuate any unnecessary personnel.

Environmental precautions

Environmental precautions As an environmental precaution, prevent spillage to sewers, public waters, and do not

penetrate ground/soil. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

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 with inert liquid

binding material and dispose of waste safely.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have

been read and understood. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities.

Storage Conditions Store locked up.

Incompatible Materials Water, amines, substances that react to polyureas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium dioxide	TWA: 0.2 mg/m³ nanoscale	TWA: 15 mg/m³ total dust	IDLH: 5000 mg/m ³
13463-67-7	respirable particulate matter TWA: 2.5 mg/m³ finescale	(vacated) TWA: 10 mg/m³ total dust	TWA: 2.4 mg/m³ CIB 63 fine TWA: 0.3 mg/m³ CIB 63
	respirable particulate matter		ultrafine, including engineered
			nanoscale

Appropriate engineering controls

Engineering Controls Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face ProtectionUse 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 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

Information on basic physical and chemical properties

Physical state Liquid

Appearance Colored Liquids Odor Not determined

Color May Vary Odor Threshold Not determined

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH No data available

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

Initial boiling point and boiling 229 °C / 444.2 °F

range

Flash point 229 °C / 444.2 °F

Evaporation Rate Not determined

Flammability (Solid, Gas) Not determined

Flammability Limit in Air

Upper flammability or explosive limits

No data available

Lower flammability or explosive limits

No data available

Vapor Pressure Not determined

Vapor Density No data available

Relative Density 1.45-1.55

Water Solubility Insoluble in water

Solubility in other solvents Not determined

Partition Coefficient Not determined

Autoignition temperature $448 \, ^{\circ}\text{C} \, / \, 838.4 \, ^{\circ}\text{F}$

Decomposition temperature Not determined

Kinematic viscosity Not determined

Dynamic Viscosity Not determined

Explosive PropertiesOxidizing Properties
Not determined
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. Reacts with acids. Reacts with alkalis. Reacts with 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

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Do not inhale.

Ingestion

Do not ingest.

Component Information

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

Symptoms related to the 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		Х
Carbon Black 1333-86-4	A3	Group 2B		X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

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

Oral LD50 10,154.80 mg/kg

ATEmix (inhalation-dust/mist) >5.0 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. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

<u>IATA</u> Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TS CA	TSCA Inventory Status	DSL/NDS L	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Castor Oil	Х	ACTIVE	X	Х		Х	X	X	X
Titanium dioxide	Х	ACTIVE	Х	Х	Х	Х	Х	Х	Χ
Carbon Black	Х	ACTIVE	X	X	X	Х	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

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 contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65	
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	X	X	X
1333-86-4			

16. OTHER INFORMATION

NFPA Health hazards Flammability Instability Special hazards

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HMIS Health hazards Flammability Physical hazards Personal Protection

Not determined

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet