

# 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 Use Universal 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

## Warning

### **Hazard statements**

Suspected of causing cancer



### **Precautionary Statements - Prevention**

Obtain special instructions before use.

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

Use personal protective equipment as required

### **Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

### **Precautionary Statements - Storage**

Store locked up

### **Precautionary Statements - Disposal**

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**

|                       |                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>General Advice</b> | If exposed or concerned: Get medical advice/attention.                                                               |
| <b>Eye Contact</b>    | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin Contact</b>   | Wash off immediately with plenty of water for at least 15 minutes.                                                   |
| <b>Inhalation</b>     | Remove to fresh air.                                                                                                 |
| <b>Ingestion</b>      | Clean mouth with water and drink afterwards plenty of water.                                                         |

**Most important symptoms and effects, both acute and delayed.**

|                 |                              |
|-----------------|------------------------------|
| <b>Symptoms</b> | Suspected of causing cancer. |
|-----------------|------------------------------|

**Indication of any immediate medical attention and special treatment needed.**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

In case of fire: water fog, foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>).

|                                       |                                                |
|---------------------------------------|------------------------------------------------|
| <b>Unsuitable Extinguishing Media</b> | Do not use water jet as it might spread flame. |
|---------------------------------------|------------------------------------------------|

**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<br>13463-67-7 | TWA: 0.2 mg/m <sup>3</sup> nanoscale respirable particulate matter<br>TWA: 2.5 mg/m <sup>3</sup> finescale respirable particulate matter | TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust | IDLH: 5000 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine<br>TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale |

|                           |                                                          |                                                                    |                                                                                                                                                                 |
|---------------------------|----------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carbon Black<br>1333-86-4 | TWA: 3 mg/m <sup>3</sup> inhalable<br>particulate matter | TWA: 3.5 mg/m <sup>3</sup><br>(vacated) TWA: 3.5 mg/m <sup>3</sup> | IDLH: 1750 mg/m <sup>3</sup><br>TWA: 3.5 mg/m <sup>3</sup><br>TWA: 0.1 mg/m <sup>3</sup> Carbon black<br>in presence of Polycyclic<br>aromatic hydrocarbons PAH |
|---------------------------|----------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Appropriate engineering controls**

**Engineering Controls**                      Showers. Eyewash stations. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**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 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**

|                                          |                      |                                |                |
|------------------------------------------|----------------------|--------------------------------|----------------|
| <b>Physical state</b>                    | Liquid               |                                |                |
| <b>Appearance</b>                        | Colored Liquids      | <b>Odor</b>                    | Not determined |
| <b>Color</b>                             | May Vary             | <b>Odor Threshold</b>          | Not determined |
| <b><u>Property</u></b>                   | <b><u>Values</u></b> | <b><u>Remarks • Method</u></b> |                |
| <b>pH</b>                                | No data available    |                                |                |
| <b>Melting point / freezing point</b>    | -10 °C / 14 °F       |                                |                |
| <b>Initial boiling point and boiling</b> | 229 °C / 444.2 °F    |                                |                |

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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 °C / 838.4 °F

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**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. 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<br>13463-67-7 | > 10000 mg/kg (Rat) | -           | = 5.09 mg/L (Rat) 4 h             |
| Carbon Black<br>1333-86-4      | > 15400 mg/kg (Rat) | -           | > 4.6 mg/m <sup>3</sup> (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<br>13463-67-7 | A3    | Group 2B |     | X    |
| Carbon Black<br>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) &gt;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

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

| Chemical name    | TS<br>CA | TSCA<br>Inventory<br>Status | DSL/NDSL | EINECS/<br>ELINCS | ENCS | IECSC | KECL | PICCS | AIC |
|------------------|----------|-----------------------------|----------|-------------------|------|-------|------|-------|-----|
| 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   |

**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<br>13463-67-7 | X          | X             | X            |
| Carbon Black<br>1333-86-4      | X          | X             | X            |

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**16. OTHER INFORMATION****NFPA**

Health hazards

-

Flammability

-

Instability

-

Special hazards

-

**HMIS**

Health hazards

-

Flammability

-

Physical hazards

-

Personal Protection

Not determined

Issue Date: 14-Dec-2023  
Revision Date: 09-Apr-2024  
Revision Note: Updated formula

**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**