

Revision Date 27-May-2025

Version 1.0

## 1. IDENTIFICATION

### Product identifier

**Product Name** Ultra HTS Part C Satin

### Other means of identification

**Part Number(s)** 407200, 407200D

### Recommended use of the chemical and restrictions on use

**Recommended use** Traction additive; abrasive; for professional use only

**Uses advised against** Not intended for consumer use

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Ultra Durable Technologies  
355 6th Ave. North  
Waite Park, MN 56387  
320-258-2266  
UltradT.com

### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

This substance is not considered hazardous by the 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this SDS still contains valuable information which should be kept and referenced by user.

### GHS Label elements, including precautionary statements

**Signal Word** None

#### **Hazard Statements**

#### **Precautionary Statements – Prevention**

#### **Precautionary Statements – Response**

#### **Precautionary Statements – Storage**

#### **Precautionary Statements – Disposal**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical name      | CAS Number | Weight % |
|--------------------|------------|----------|
| Aluminum Oxide     | 1344-28-1  | 60       |
| Glass Oxide; Glass | 65997-17-3 | 40       |

**4. FIRST AID MEASURES****Description of first aid measures****Eye Contact**

Rinse eyes with running water for at least 15 minutes, lifting upper and lower eyelids as able. Remove contact lenses if present and easy to do. Continue rinsing. Seek immediate medical attention for abrasion to cornea.

**Skin Contact**

Brush off loose particles from skin. Clean with plenty of soap and water. If skin irritation develops, seek medical advice.

**Inhalation**

While unlikely during normal usage, if substance is inhaled, remove victim to fresh air and keep comfortable for breathing. If breathing difficulty is experienced. Seek medical attention. If necessary, perform artificial respiration support (CPR) until emergency medical personnel are available.

**Ingestion**

Rinse out mouth with water and drink plenty of water after. Call physician or poison control center for most current information. Do NOT induce vomiting. Never induce vomiting or give anything by mouth to someone who is unconscious, having convulsions, or cannot swallow. Seek medical attention.

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

Product may cause serious eye or skin irritation. Eye irritation could develop into cornea damage if left untreated due to a brasive nature of substance. Prolonged and/or repeated inhalation exposure may be dangerous to lungs. Coughing is common leading to breathing difficulty. Impaired breathing may lead to dizziness or loss of consciousness.

**Immediate medical attention and special treatment if necessary**

Flush eyes with running water immediately after eye contact is made. Continue rinsing for 15 minutes and remove contact lenses. Seek immediate medical attention for cornea abrasions.

**Special Instructions for Physicians**

Treat symptomatically

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water. Foam. Halon. Carbon dioxide. Dry chemical. Class "C" extinguishers.

**Unsuitable extinguishing media**

No information available.

**Specific hazards arising from the chemical**

No information available.

**Protective equipment and precautions for firefighters**

Evacuate area. Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Dispose of fire debris and contaminated extinguishing media in accordance with official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, local exhaust is recommended. If adequate ventilation is unavailable, use respiratory protection. Wear long sleeves and pants when cleaning large spills. Avoid formation of dust.  
Caution, spills may be slippery.

### Environmental precautions

Avoid mass release to the environment. Do not allow product to enter drains, sewers, public water, surface water, or groundwater.

### Methods and material for containment and cleaning up

Use personal protective equipment as required. Stop flow of material if able to do so safely. Contain discharged material. Take up mechanically to an appropriate disposal container. Sweep or vacuum up remaining debris and dispose of accordingly. Caution, spills may be slippery.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Wear appropriate personal protective equipment – gloves, safety glasses, appropriate clothing, respiratory protection as needed. Wash hands thoroughly after handling. Practice good industrial hygiene when using product. Ensure good ventilation of the work space or use local exhaust ventilation. Maintain the minimum amount of material necessary to lower exposures.  
Prevent formation of dust. Any deposit of dust which cannot be avoided must be regularly removed. Do not dry clean dust covered objects and floors.  
Wash thoroughly with plenty of water. Caution, uncontrolled dust accumulation may produce slippery surfaces.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Store locked up in a cool, dry, well-ventilated place. Keep container tightly closed when not in use.  
Protect from humidity and water. Material is hygroscopic.

#### **Incompatible materials**

Oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls

The use of local exhaust ventilation is recommended. Eyewash stations are required; chemical showers are recommended.

### Exposure Guidelines

| Chemical Name      | PEL                  | REL                  | TLV                 |
|--------------------|----------------------|----------------------|---------------------|
| Aluminum Oxide     | 15 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | 1 mg/m <sup>3</sup> |
| Glass Oxide; Glass | 15 mg/m <sup>3</sup> | --                   | --                  |

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

|                                       |  |
|---------------------------------------|--|
| <b>Eye/Face Protection</b>            | Protective eyewear (safety glasses/goggles)  |
| <b>Skin and Body Protection</b>       | Gloves. Protective clothing.   |
| <b>Respiratory Protection</b>         | Local exhaust ventilation. If adequate ventilation is not available, wear appropriate respirator for specific circumstances and with exposure guidelines in mind. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. |
| <b>General Hygiene Considerations</b> | Handle in accordance with good industrial hygiene and safety practices. Regular cleaning of equipment, work area, and clothing is recommended.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state  
Color

Solid granulate, powder  
White

|   |                          |
|---|--------------------------|
| Odor  | Odorless                 |
| Melting point                                   | > 730°C/> 1346°F         |
| Boiling point                                   | No information           |
| Flammability                                    | Product is not flammable |
| Upper flammability limit                        | Not applicable           |
| Lower flammability limit                        | Not applicable           |
| Flash point                                     | Not applicable           |
| Autoignition Temperature                        | No information           |
| Decomposition temperature                       | No information           |
| pH  | Slightly alkaline        |
| Dynamic Viscosity                               | Not applicable           |
| Kinematic Viscosity                             | Not applicable           |
| Solubility                                      | Insoluble                |
| Partition coefficient n-octanol/water (Log Pow) | No information           |
| Vapor pressure                                  | Not applicable           |
| Density   | No information           |
| Relative Density                                | No information           |

## 10. STABILITY AND REACTIVITY

### Reactivity

This product is non-reactive under normal conditions of use, storage, and transport.

### Chemical stability

Stable under normal conditions.

### Hazardous reactions

None under normal conditions of use.

### Conditions to avoid

Moisture.

### Incompatible materials

Strong acids, bases. Oxidizing agents

### Hazardous decomposition products

Toxic metal oxide smoke

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|              |                       |
|--------------|-----------------------|
| Inhalation   | Inhalation of dusts   |
| Eye contact  | Solid material, dusts |
| Skin Contact | Solid material, dusts |
| Ingestion    | Solid material, dusts |

### Symptoms related to the physical, chemical, and toxicological characteristics

No information available

### Delayed and immediate effects and also chronic effects from short- and long-term exposure

Serious abrasion to the cornea that can lead to loss of vision if left untreated.

Inhalation could cause abrasion to the respiratory tract leading to difficulty breathing. Repeated or long-term inhalation of product dusts may cause pulmonary disease.

### Numerical Values of Toxicity – Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|-----------|-------------|-----------------|
|---------------|-----------|-------------|-----------------|

|                    |                         |    |                         |
|--------------------|-------------------------|----|-------------------------|
| Aluminum Oxide     | > 10,000 mg/kg<br>(Rat) | -- | > 2.6 mg/L<br>(Rat, 4h) |
| Glass Oxide; Glass | --                      | -- | --                      |

|  |   |
|--|---|
| <b>Skin Corrosion/Irritation</b>         | Not classified  |
| <b>Serious Eye Damage/Irritation</b>     | Irritant effect on eyes that may cause abrasion of cornea |
| <b>Respiratory or Skin Sensitization</b> | Not classified  |
| <b>Germ Cell Mutagenicity</b>            | Not classified  |
| <b>Carcinogenicity</b>                   | Not classified  |
| <b>Reproductive Toxicity</b>             | Not classified  |
| <b>STOT – Single Exposure</b>            | Not classified  |
| <b>STOT – Repeated Exposure</b>          | Not classified  |
| <b>Aspiration Hazard</b>                 | Not classified  |

**Numerical Values of Toxicity – Product Information**

The following values were calculated using Chapter 3 of the GHS document.

| Chemical name          | Oral LD50               | Dermal LD50 | Inhalation LC50         |
|------------------------|-------------------------|-------------|-------------------------|
| Ultra HTS Part C Satin | > 10,000 mg/kg<br>(Rat) | --          | > 2.6 mg/L<br>(Rat, 4h) |

|                                    |                |
|------------------------------------|----------------|
| <b>Acute Toxicity (oral)</b>       | Not classified |
| <b>Acute Toxicity (dermal)</b>     | Not classified |
| <b>Acute Toxicity (inhalation)</b> | Not classified |

**Interactive effects**

Respiratory symptoms (asthma, allergies) may be aggravated with exposure to particulate dust.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

This product is not considered harmful to aquatic organisms with long lasting adverse effects on the environment.

| Chemical name      | Algae/aquatic plants | Fish | Crustacea |
|--------------------|----------------------|------|-----------|
| Aluminum Oxide     | --                   | --   | --        |
| Glass Oxide; Glass | --                   | --   | --        |

| Chemical name          | Algae/aquatic plants | Fish | Crustacea |
|------------------------|----------------------|------|-----------|
| Ultra HTS Part C Satin | --                   | --   | --        |

**Persistence and Degradability**

Inorganic product is not eliminable from water by means of biological cleaning processes.

**Bioaccumulation Potential**

Does not accumulate in organisms

**Assessment**

No accumulation

**Mobility in Soil**

No information available

**Other adverse effects****Elimination information**

No information available

**Water hydrolysis**

No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

##### Disposal of Wastes

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Do not discharge product into sewer system. Treat residual materials as hazardous.

##### Contaminated Packaging

Containers may be reused after thoroughly cleaning with water. Do not dry clean as respirable dust may form. Treat water and residue as hazardous.

### 14. TRANSPORT INFORMATION

|                               |                |
|-------------------------------|----------------|
| UN Number                     | Not applicable |
| UN Proper Shipping Name       | Not applicable |
| Transport Hazard Class(es)    |                |
| DOT                           | Not applicable |
| IOMDG                         | Not applicable |
| IATA                          | Not applicable |
| Packing Group                 |                |
| DOT                           | Not applicable |
| IMDG                          | Not applicable |
| IATA                          | Not applicable |
| Environmental Hazards         | None           |
| Special Instructions for User | None           |

**NOTE** Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100-177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

### 15. REGULATORY INFORMATION

#### Chemical Inventories

**TSCA** All components of this product are listed on the TSCA Inventory or are exempted from listing

#### US Federal Regulations

##### **SARA 313**

Section 313 of the 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.

##### **SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard                   | No |
| Carcinogenicity                   | No |
| Respiratory or Skin Sensitization | No |
| Germ Cell Mutagenicity            | No |
| Serious Eye Damage/Irritation     | No |

#### US State Regulations

California Proposition 65 – This product does not contain substances believed by the State of California to cause cancer, developmental, and/or reproductive harm.

State Right to Know – Massachusetts, New Jersey, Pennsylvania

**NFPA Hazard codes**

|            |   |
|------------|---|
| Health     | 0 |
| Fire       | 0 |
| Reactivity | 0 |

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

Preparation Date 27-May-2025

Revision Date

Revision Note

**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. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

End of Safety Data Sheet