

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 ³	10 mg/m ³	1 mg/m ³
Glass Oxide; Glass	15 mg/m ³	--	--

Individual protection measures, such as personal protective equipment

Eye/Face Protection Protective eyewear (safety glasses/goggles)

Skin and Body Protection Gloves. Protective clothing.

Respiratory Protection 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.

General Hygiene Considerations 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

Solid granulate, powder

Color

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 (Rat)	--	> 2.6 mg/L (Rat, 4h)
Glass Oxide; Glass	--	--	--

Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Irritant effect on eyes that may cause abrasion of cornea
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
STOT – Single Exposure	Not classified
STOT – Repeated Exposure	Not classified
Aspiration Hazard	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 (Rat)	--	> 2.6 mg/L (Rat, 4h)

Acute Toxicity (oral)	Not classified
Acute Toxicity (dermal)	Not classified
Acute Toxicity (inhalation)	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