

1. IDENTIFICATION

Product identifier

Product Name Medium Ultra Grip Additive

Other means of identification

Part Number(s) 407859

Recommended use of the chemical and restrictions on use

Recommended use Functional filler; Traction additive; 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
Ultradtd.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).

Signal Word None

Hazard Statements

Precautionary Statements – Prevention

Precautionary Statements – Response

Precautionary Statements – Storage

Precautionary Statements – Disposal

Hazards Not Otherwise Classified (HNOC)

Substance can be abrasive in contact with skin.
Substance is abrasive in contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %
Glass Oxide; Glass	65997-17-3	100

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact

Immediately flush eyes with running water for several minutes, lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation develops or persists.

Skin Contact

Brush or vacuum off loose particles from skin. Wash exposed skin with soap and water. If skin irritation develops, seek medical attention.

Inhalation	Remove victim to fresh air and keep comfortable for breathing. If necessary, use artificial respiration (CPR) to support vital functions. If breathing difficulty continues, seek medical attention.
Ingestion	Rinse mouth with water and drink plenty of water afterwards. Do NOT induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek immediate medical advice.

Most important symptoms and effects, both acute and delayed

May be irritating or abrasive to skin.

Causes irritation in contact with eyes that may be abrasive to cornea.

Immediate medical attention and special treatment, if necessary

Immediately flush eyes.

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Protective equipment and precautions for firefighters

Wear self-contained respiratory protective device.

Suitable extinguishing media

Water spray. Carbon dioxide. Dry powder. Foam.

Unsuitable extinguishing media

No information available.

Specific hazards arising from the chemical

No information available; non-combustible.

Protective equipment and precautions for firefighters

Evacuate area and move all non-emergency personnel away from and upwind of fire.

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. Keep containers cool by spraying with water if exposed to fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Avoid formation of dust. Do not breathe dust.

Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene.

Avoid contact with skin, eyes, and clothing.

Environmental precautions

Avoid release to the environment. Do not allow substance to enter drains, sewers, public water, surface water, or groundwater. If contact is made, notify authorities.

Methods and materials for containment and cleaning up

Spillage may be slippery. Use personal protective equipment as required. Stop flow of material if able to do so safely. Contain discharged material. Sweep or vacuum up loose material. Gentle water spray can be used to manage dust formation. Take up mechanically to an appropriate waste disposal or recovery container.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate personal protective equipment – gloves, safety glasses, appropriate work clothing. Brush loose particles from clothing and skin after use. Wash contaminated clothing before reuse. Practice good industrial hygiene when using product. Ensure good ventilation of the workstation. Limit quantities of substance at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Do not breathe dust. Do not get in eyes or on skin.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in a cool, dry, well-ventilated place. Store away from direct sunlight, locked up in tightly closed containers when not in use.

Incompatible materials

No information available.

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	STEL	ACGIH TWA	OSHA TWA
Glass oxide; Glass	--	--	15 mg/m ³ total dust 5mg/m ³ respirable

Individual protection measures, such as personal protective equipment

Eye/face protection Protective eyewear (goggles recommended, safety glasses acceptable)

Skin and body protection Gloves. Protective clothing.

Respiratory protection If adequate ventilation is not available, wear appropriate respirator for specific circumstances and with exposure guidelines in mind.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid, granular
Color	White
Odor	Odorless
Melting point	730 °C / 1346 °F
Boiling point	Not applicable
Flammability	Non-flammable
Upper flammability limit	Not applicable
Lower flammability limit	Not applicable
Flash point	Not applicable
Autoignition Temperature	Not applicable
Decomposition temperature	No information
pH	No information
Dynamic Viscosity	Not applicable
Kinematic Viscosity	Not applicable
Solubility	Insoluble in water
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.

Possibility of Hazardous Reactions

Reacts with strong acids.

Conditions to Avoid

No information available.

Incompatible materials

Strong acids.

Hazardous decomposition products

Non-combustible

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation	Inhalation of dust
Eye contact	Dust, physical product
Skin contact	Dust, physical product
Ingestion	Dust, physical product

Symptoms related to the physical, chemical, and toxicological characteristics

Substance may be irritating to skin.

Substance may be irritating to eyes and can damage (scratch) cornea if not properly flushed.

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

No information available.

Numerical Values of Toxicity – Component Information

Chemical name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Glass Oxide; Glass	--	--	--

Skin Corrosion/Irritation	Not classified.
Serious Eye Damage/Irritation	Not classified.
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

Chemical name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Medium Ultra Grip Additive	--	--	--

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

Interactive effects

No information available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This product is not considered harmful to aquatic organisms.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Glass oxide; Glass	--	--	--

Chemical name	Algae/aquatic plants	Fish	Crustacea
Medium Ultra Grip Additive	--	--	--

Persistence and Degradability

Product is virtually inert and has no known adverse effect on the environment.

Bioaccumulation potential

Does not accumulate in organisms.

Chemical Name	Partition Coefficient n-octanol/water (Log P _{ow})
Glass oxide; Glass	--

Assessment

This substance does not degrade in the environment nor is it eliminated from water by means of biological cleaning processes. However, this product does not pose a threat to aquatic environments as it is completely insoluble in water and remains inert. The substance is also inert in soil and air.

Mobility in Soil

Immobile in soil; inert.

Other adverse effects**Elimination information**

Not eliminable from water by means of biological cleaning processes.

Water hydrolysis

Will not hydrolyze or otherwise react with water.
Insoluble in water.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal of Waste**

Disposal of contents/container should be in accordance with applicable regional, national, and local laws and regulations. Do not discharge product into sewer system.

Contaminated Packaging

Do not reuse container.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Chemical Inventories**TSCA**

The substance is listed on the TSCA Inventory.

US Federal Regulations**SARA 313**

Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This substance is not subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312

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 substance is not known to the State of California to cause cancer, developmental, and/or reproductive harm.

State Right to Know – Not listed

International Regulations

DSL Substance listed
(Canadian Domestic Substances List)

AICIS Substance listed
(Australian Industrial Chemicals Inventory)

HMIS Hazard Code

Health	0
Fire	0
Reactivity	0

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

Preparation Date	27-Feb-2023
Revision Date	7-December-2026
Revision Note	General formatting updates; updated Sections 1, 2, 3, 4, 5, 6, 8, 9, 11, 12, 13, 14, and 15.

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