

## 1. IDENTIFICATION

**Product identifier**

**Product Name** UltraScape Polyurea Part A

**Other means of identification**

**Part Number(s)**  
 Medium Tan and Mineral Gray: 235000, 235010, 235500, 235510, 235600, 235610

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

**Recommended use** Protective floor coating; 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 6<sup>th</sup> Ave. North  
 Waite Park, MN 56387  
 320-258-2266  
 Ultrad.com

**Emergency telephone number**

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

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical is considered hazardous by the 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                           |             |
|---------------------------|-------------|
| Acute Inhalation Toxicity | Category 4  |
| Skin Irritant             | Category 2  |
| Serious Eye Irritant      | Category 2A |
| Skin Sensitizer           | Category 1  |



**Signal Word** Warning

**Hazard statements:**

Harmful if inhaled.  
 Causes skin irritation.  
 Causes serious eye irritation.  
 May cause an allergic skin reaction.

**Precautionary Statements – Prevention:**

Wear protective gloves, eye protection, and face protection.  
 Avoid breathing fumes, mist, vapors, or spray.  
 Use only outdoors or in a well-ventilated area.  
 Contaminated clothing should not be allowed out of the workplace.  
 Wash hands and skin thoroughly after handling.

**Precautionary Statements - Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Seek medical assistance if symptoms persist.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, seek medical assistance.

Take off contaminated clothing and wash before reuse.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If irritation persists: Seek medical assistance.

**Precautionary Statements - Storage:**

Store in a well-ventilated place. Store tightly closed.

**Precautionary Statements - Disposal:**

Dispose of contents/container in accordance with local and regional regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                | CAS Number | Weight % |
|--|------------|----------|
| Castor Oil                                   | 8001-79-4  | 60 - 80  |
| Color Dispersion containing Titanium Dioxide | 13463-67-7 | 10 - 30  |
| Zeolite Powder                               | 1318-02-1  | 1- 5     |
| Cyclohexanemethanamine                       | 54914-37-3 | 1 - 5    |
| 3-glycidyl-oxypropyl-trimethoxy-silane       | 2530-83-8  | 0.1 – 1  |

**Trade Secret statement (OSHA 1910.1200(i))** Specific chemical identities and concentrations for one or more listed chemicals are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

### 4. FIRST AID MEASURES

**Description of first aid measures****Eye Contact**

Immediately rinse eyes thoroughly with running water for at least 15 minutes, lifting upper and lower eyelids as able. Remove contact lenses if easy to do and continue rinsing. Seek medical attention if irritation persists.

**Skin Contact**

Wash skin thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse or discard. Seek medical assistance if irritation persists.

**Inhalation**

Remove victim to fresh air and keep comfortable for breathing. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**Ingestion**

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, 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 medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

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

Pre-existing skin or respiratory conditions may be aggravated

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

No information available

**Special instructions for Physicians**

Treat symptomatically

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

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

Avoid breathing fumes, mist, vapor, or spray.

**Environmental precautions**

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

**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. Absorb spill using absorbent, non-combustible material such as earth, sand, or vermiculite. Take up mechanically to an appropriate disposal container. Dispose of in accordance with local, state, and federal regulations. Scrub residues with detergent-water mix and allow to air dry.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Wear appropriate personal protective equipment – gloves, safety glasses, appropriate clothing. Wash hands thoroughly after use. Practice good industrial hygiene when using product.

**Conditions for safe storage, including any incompatibilities****Storage conditions**

Store in a cool, dry place away from direct sunlight. Store locked up. Keep container tightly closed 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, chemical showers recommended.

**Exposure Guidelines**

| Chemical Name                                       | STEL            | ACGIH TLV       | OSHA TWA        |
|---|-----------------|-----------------|-----------------|
| Castor Oil  | Not established | Not established | Not established |
| Color Dispersion containing Titanium Dioxide (Gray) | Not established | Not established | Not established |
| Zeolite Powder                                      | Not established | Not established | Not established |
| Cyclohexanemethanamine                              | Not established | Not established | Not established |
| 3-glycidyl-oxypropyl-trimethoxy-silane              | Not established | Not established | Not established |

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Protective Eyewear (chemical goggles). Face shield if splash hazard exists.

**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 practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                                  |
|--|----------------------------------|
| <b>Physical state</b>                                  | Liquid                           |
| <b>Color</b>   | May be opaque tan or opaque gray |
| <b>Odor</b>  | Mild, sweet                      |
| <b>Melting point</b>                                   | No information                   |
| <b>Boiling point</b>                                   | No information                   |
| <b>Flammability</b>                                    | Not applicable                   |
| <b>Upper flammability limit</b>                        | No information                   |
| <b>Lower flammability limit</b>                        | No information                   |
| <b>Flash point</b>                                     | >93.3°C/ >200°F                  |
| <b>Autoignition Temperature</b>                        | No information                   |
| <b>Decomposition temperature</b>                       | No information                   |
| <b>pH</b>  | No information                   |
| <b>Dynamic Viscosity</b>                               | No information                   |
| <b>Kinematic Viscosity</b>                             | No information                   |
| <b>Solubility</b>                                      | Insoluble                        |
| <b>Partition coefficient n-octanol/water (Log Pow)</b> | No information                   |
| <b>Vapor pressure</b>                                  | No information                   |
| <b>Density</b>   | 9.0 lbs/gal                      |

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**

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**Incompatible materials**

Strong oxidizing materials. Strong acids.

**Hazardous decomposition products**

Thermal decomposition products include oxides of carbon and possible harmful vapors.

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Inhalation of gas/mist/vapor             |
| <b>Eye Contact</b>  | Liquid material splash or gas/vapor/mist |
| <b>Skin Contact</b> | Liquid material splash                   |
| <b>Ingestion</b>    | Liquid material                          |

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

Skin irritation leading to rash.  
 Eye irritation.  
 Respiratory irritation leading to shortness of breath and dizziness.

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

No information available

**Numerical Values of Toxicity – Component Information**

| Chemical Name                                       | Oral LD <sub>50</sub> | Dermal LD <sub>50</sub> | Inhalation LC <sub>50</sub>       |
|---|-----------------------|-------------------------|-----------------------------------|
| Castor Oil  | --                    | --                      | --                                |
| Color Dispersion containing Titanium Dioxide (Gray) | >10,000 mg/kg (Rat)   | >10,000 mg/kg (Rat)     | 3.43 mg/L (Rat, dust/mist)        |
| Zeolite Powder                                      | 5,000 mg/kg (Rat)     | >2,000 mg/kg (Rat)      | 2.4 mg/L (Rat, 1 hour)            |
| Cyclohexanemethanamine                              | 4,150 mg/kg (Rat)     | > 5,000 mg/kg (Rat)     | 11 mg/L (Rat, 4hour, vapor)       |
| 3-glycidyl-oxypropyl-trimethoxy- silane             | --                    | 4,248 mg/kg (Rabbit)    | 5.3 mg/L (Rat, 4 hour, dust/mist) |

|  |   |
|--|---|
| <b>Skin Corrosion/Irritation</b>         | May cause skin irritation that may lead to rash                                     |
| <b>Serious Eye Damage/Irritation</b>     | May cause serious eye irritation with prolonged eye contact                         |
| <b>Respiratory or Skin Sensitization</b> | May cause allergic skin reactions   |
| <b>Germ Cell Mutagenicity</b>            | Not classified  |
| <b>Carcinogenicity</b>                   | Not classified (CAS # 13463-67-7 is listed, but non-respirable in its present form) |
| <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 data has been calculated using Chapter 3 of the GHS document.

| Chemical Name              | Oral LD <sub>50</sub> | Dermal LD <sub>50</sub> | Inhalation LC <sub>50</sub> |
|----------------------------|-----------------------|-------------------------|-----------------------------|
| UltraScape Polyurea Part A | 3,436.31 mg/kg        | 2,404.06 mg/kg          | 4.25 mg/L                   |

**Acute Toxicity (oral)**

Not classified

**Acute Toxicity (dermal)**

Not classified

**Acute Toxicity (inhalation)**

May cause respiratory irritation leading to shortness of breath and dizziness

**Interactive effects**

Pre-existing skin allergies and conditions may be aggravated with exposure to the product. Repeated exposure may further exaggerate skin conditions.

Pre-existing respiratory conditions (asthma) may be aggravated with inhalation exposure to the product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

This product is not considered harmful to aquatic organisms or to cause long-term adverse effects on the environment.

| Chemical Name                                       | Algae/aquatic plants  | Fish  | Crustacea  |
|---|---|---|--|
| Castor Oil  | --  | --  | --   |
| Color Dispersion containing Titanium Dioxide (Gray) | --  | --  | --   |
| Zeolite Powder                                      | EC <sub>50</sub> = 18 mg/L<br>(95h <i>Desmodesmus suspicatus</i> )    | LC <sub>50</sub> = 1800 – 3200 mg/L<br>(96h <i>Poecilia reticulata</i> )<br>LC <sub>50</sub> = 3200 – 5600 mg/L<br>(96h <i>Oryzias latipes</i> )<br>LC <sub>50</sub> = 1800 mg/L<br>(96h <i>Brachydanio rerio</i> ) | EC <sub>50</sub> = 1000 – 1800 mg/L<br>(48h <i>Daphnia magna</i> ) |
| Cyclohexanemethanamine                              | EC <sub>50</sub> > 100 mg/L<br>(72h, <i>Desmodesmus subspicatus</i> ) | LC <sub>50</sub> > 100 mg/L<br>(96h, <i>Danio rerio</i> )   | EC <sub>50</sub> = 22.2 mg/L<br>(48h, <i>Daphnia magna</i> )       |
| 3-glycidyl-oxypropyl-trimethoxy- silane             | --  | --  | --   |

| Chemical Name              | Algae/aquatic plants | Fish | Crustacea |
|----------------------------|----------------------|------|-----------|
| UltraScape Polyurea Part A | --                   | --   | --        |

**Persistence and Degradability**

No information available

**Bioaccumulation Potential**

| Chemical Name                                       | Partition Coefficient n-octanol/water (Log P <sub>ow</sub> ) |
|---|--|
| Castor Oil  | Not established  |
| Color Dispersion containing Titanium Dioxide (Gray) | Not established  |
| Zeolite Powder                                      | Not established  |
| Cyclohexanemethanamine                              | Not established  |
| 3-glycidyl-oxypropyl-trimethoxy- silane             | -0.854   |

**Assessment**

Significant accumulation not expected.

**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 regulation. 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  
     **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 contains a chemical or 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** Yes - Inhalation  
**Chronic Health Hazard** No  
**Fire Hazard** No  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No  
**Carcinogenicity** No  
**Respiratory or Skin Sensitization** Yes - Skin  
**Germ Cell Mutagenicity** No  
**Serious Eye Damage/Irritation** Yes

**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** 1  
**Fire** 1  
**Reactivity** 0

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

Preparation Date 14-May-2026  
 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