SAFETY DATA SHEET

Revision Date 2-January-2026
Version 1.1

1. IDENTIFICATION

Product identifier
Product Name UDT Grout Colorant

Platinum, White, Beige, Latte, Linen, Wheat, Silver, Gray, & Stone

Other means of identification
Part Number(s) 496002,496003, 496004, 496005, 496007, 496008, 496009, 496010, 496011

Recommended use of the chemical and restrictions on use
Recommended use Coloring of grout; 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 chemical is considered hazardous by the 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Carcinogenicity	Category 1B

Signal Word **Danger**

Hazard Statements
May cause cancer.

Precautionary Statements – Prevention
Obtain, read, and follow all safety instructions before use.
Wear protective gloves and clothing, eye protection, face protection.

Precautionary Statements – Response
If EXPOSED or CONCERNED: seek medical advice.

Precautionary Statements – Storage
Store locked up.

Precautionary Statements – Disposal
Dispose of contents and container to an approved waste disposal site in accordance with local, regional, and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %
Titanium dioxide	13463-67-7	7 – 13
Kaolin	1332-58-7	7 - 13
Calcium carbonate	1317-65-3	1 - 5
Heavy Paraffinic Distillates, Solvent Dewaxed	64742-65-0	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 Flush eyes with running water for at least 15 minutes, lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

Skin Contact Immediately flush skin. Wash with soap and water and rinse thoroughly. Seek medical attention if skin irritation or rash develops.

Inhalation Remove victim to fresh air and keep comfortable for breathing. If necessary, use artificial respiration (CPR) to support vital functions. If respiratory irritation develops, seek medical advice.

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.

Most important symptoms and effects, both acute and delayed
No information available.

Immediate medical attention and special treatment, if necessary
No information available.

Note to physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Protective equipment and precautions for firefighters
Wear self-contained respiratory protective device.

Suitable extinguishing media
Carbon dioxide. Dry powder. Foam.

Unsuitable extinguishing media
Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
Hazardous decomposition products include toxic fumes and oxides of carbon.

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. Do not breathe mist or vapor.
Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene.
No open flames, no sparks, and no smoking.

Avoid contact with skin, eyes, and clothing.

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 materials 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 inert, absorbent material, such as sand, earth, or vermiculite. Take up mechanically to an appropriate waste disposal container. Wash spill site 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 work clothing. Wash hands and exposed skin thoroughly after use. Practice good industrial hygiene when using product. Ensure good ventilation of the workstation. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Do not breathe mist or vapor. Do not get on skin or in eyes.
Contaminated clothing should not be allowed out of the workplace. Wash before reuse or discard.

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, chemical showers recommended.

Exposure Guidelines

Chemical Name	NIOSH TWA	ACGIH TLV	OSHA PEL
Titanium dioxide*	2.4 mg/m^3 fine 0.3 mg/m^3 ultrafine	0.2 mg/m^3 nanoscale respirable particulate matter 2.5 mg/m^3 finescale respirable particulate matter	15 mg/m^3 total dust 5 mg/m^3 respirable fraction
Kaolin*	10 mg/m^3 total dust 5 mg/m^3 respirable dust	2 mg/m^3	15 mg/m^3 total dust 5 mg/m^3 respirable fraction
Calcium carbonate*	10 mg/m^3 total dust 5 mg/m^3 respirable dust	10 mg/m^3 inhalable particles 3 mg/m^3 respirable particles	15 mg/m^3 total dust 5 mg/m^3 respirable fraction

*Not in a respirable form in delivered state.

Individual protection measures, such as personal protective equipment

Eye/face protection Protective eyewear (safety glasses). Face protection 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 practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Opaque; may be white, gray, or tan.
Odor	No information
Melting point	No information
Boiling point	≥ 77 °C / ≥ 171 °F
Flammability	No information

Upper flammability limit	No information
Lower flammability limit	No information
Flash point	No information
Autoignition Temperature	No information
Decomposition temperature	No information
pH	8.5 – 9.5
Dynamic Viscosity	No information
Kinematic Viscosity	No information
Solubility	No information
Partition coefficient n-octanol/water (Log Pow)	No information
Vapor pressure	No information
Density	10.62 lb/gal
Specific Gravity	1.27
Relative Density	No information
Percent Solids by Weight	48.9%
Percent Volatile by Weight	0.0%
Percent Solids by Volume	36.7%
Actual VOC (g/l)	0
EPA VOC (g/l)	0

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
None under normal conditions.

Conditions to avoid
Extremes of temperature.
Direct sunlight.
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatible materials
No information available.

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation Inhalation of vapors.

Eye contact Liquid material splash or vapors.

Skin contact Liquid material splash.

Ingestion Liquid material.

Symptoms related to the physical, chemical, and toxicological characteristics
No information available.

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}
Titanium dioxide	> 10,000 mg/kg (Rat)	--	= 5.09 mg/ml (Rat, 4h)
Kaolin	> 5,000 mg/kg (Rat)	> 5,000 mg/kg (Rat)	--
Calcium carbonate	= 6,450 mg/kg	--	--

	(Rat)		
Heavy Paraffinic Distillates, Solvent Dewaxed	> 5,000 mg/kg (Rat)	> 5,000 mg/kg (Rat)	> 2.4 mg/mL (Rat, 4h)

Skin Corrosion/Irritation Not classified.
Serious Eye Damage/Irritation Not classified.
Respiratory or Skin Sensitization Not classified.
Germ Cell Mutagenicity Not classified.
Carcinogenicity May cause cancer.
Reproductive Toxicity Not classified.
STOT – Single Exposure Not classified.
STOT – Repeated Exposure Not classified.
Aspiration Hazard Not classified.

Numerical measures of Toxicity – Product Information
The following values are calculated based on Chapter 3.1 of the GHS document.

Chemical name	Oral LD_{50}	Dermal LD_{50}	Inhalation LC_{50}
UDT Grout Colorant Platinum, White, Beige, Latte, Linen, Wheat, Silver, Gray, & Stone	8,639.16 mg/kg	14,642.86 mg/kg	27.60 mg/kg

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

Interactive effects
No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
27.99% of the mixture consists of components of unknown hazards to the aquatic environment.
This product is not considered harmful to aquatic organisms.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Titanium dioxide	--	LC_{50} > 1,000 mg/L (96h)	EC_{50} > 1,000 mg/L (Daphnia magna,48h)
Kaolin	--	--	--
Calcium carbonate	--	--	--
Heavy Paraffinic Distillates, Solvent Dewaxed	--	LC_{50} = 5,000 mg/L (Oncorhynchus mykiss, 96h)	EC_{50} = 1,000 mg/L (Daphnia magna, 48h)

Chemical Name	Algae/aquatic plants	Fish	Crustacea
UDT Grout Colorant Platinum, White, Beige, Latte, Linen, Wheat, Silver, Gray, Stone	--	--	--

Persistence and degradability
No information available

Bioaccumulation potential

Chemical Name	Partition Coefficient n-ocatnol/water (Log P_{ow})
Titanium dioxide	--
Kaolin	--
Calcium carbonate	--
Heavy Paraffinic Distillates, Solvent Dewaxed	--

Assessment
No information available.

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 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 regulated
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

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 Regulation, 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	Yes
Respiratory or Skin Sensitization	No
Germ Cell Mutagenicity	No
Serious Eye Damage/Irritation	No

US State Regulations

California Proposition 65 – This product does contain a substance known to the State of California to cause cancer, developmental, and/or reproductive harm, but is not respirable in its current form.

State Right to Know – New Jersey – Titanium dioxide, kaolin, calcium carbonate
Massachusetts – Titanium dioxide, kaolin, calcium carbonate
Pennsylvania – Titanium dioxide, kaolin, calcium carbonate

International Regulations

DSL/NDSL Complies

(Canadian Domestic Substances List)

EINECS/ELINCS Does not comply
(European Inventory of Existing Chemical Substances)

ENCS Does not comply
(Japan Existing and New Chemical Substances)

IECSC Complies
(China Inventory of Existing Chemical Substances)

KECL Complies

(Korean Existing and Evaluated Chemical Substances)

PICCS Complies

(Philippines Inventory of Chemicals)

AICS Complies
(Australian Inventory of Chemical Substances)

HMIS Hazard Codes

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

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

Preparation Date	24-Feb-2023
Revision Date	2-January-2026
Revision Note	General formatting updates; updated sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 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