

1. IDENTIFICATION

Product identifier

Product Name UltraColor HTS Pigment
 Cement Gray, Medium Tan, Mineral Gray, Silver Gray, Charcoal Gray

Other means of identification

Part Number(s) 297152, 297252, 297602, 297852, 297952

Recommended use of the chemical and restrictions on use

Recommended use Pigment for urethane coatings; 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 2
Flammable Liquid	Category 3



Signal **Word** **Warning**

Hazard statements

Flammable liquid and vapor.
 Suspected of causing cancer.

Precautionary Statements – Prevention

Obtain, read, and follow all safety instructions before use.
 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
 Keep container tightly closed.
 Ground and bond container and receiving equipment.
 Use explosion-proof electrical, ventilating, and lighting equipment.
 Use non-sparking tools.
 Take action to prevent static discharges.
 Wear protective gloves and clothing, eye protection, face protection.

Precautionary Statements – Response

IF ON SKIN: Immediately remove all contaminated clothing. Rinse exposed skin with water.

IF EXPOSED or CONCERNED: seek medical advice.

In case of fire: Use CO₂, dry chemical, or foam to extinguish.

Precautionary Statements – Storage

Store locked up in a well-ventilated place. Keep cool.

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 Number	Weight %
Titanium Dioxide	13463-67-7	15 – 60
Dipropylene Glycol Methyl Ether Acetate	88917-22-0	7 – 30
Propylene Glycol Methyl Ether Acetate	18-65-6	7 – 13
Carbon Black	1333-86-4	0.1 - 10
Silica, amorphous, fumed	7631-86-9	1 – 5
Aluminum Hydroxide	21645-51-2	1 – 5
Iron Oxide	1309-37-1	1 – 5
Crystalline Silica	14808-60-7	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**

Rinse eyes thoroughly with running water for at least 15 minutes, lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice.

Skin contact

Remove contaminated clothing. Rinse exposed skin with soap and water. If irritation develops, seek medical advice.

Inhalation

Remove victim to fresh air and keep comfortable for breathing.

Ingestion

Rinse mouth with water and drink plenty of water afterwards. Never give anything by mouth to an unconscious person. Do not induce vomiting. If symptoms persist, seek medical attention.

Most important symptoms and effects, both acute and delayed

No information available.

Immediate medical attention and special treatment, if necessary

No information available.

Special Instructions for Physicians

Treat symptomatically.

Pigments may discolor skin. Wash area of interest before diagnosing.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical/powder. Carbon dioxide. Alcohol-resistant foam. Sand. Water fog.

Unsuitable extinguishing media

Solid water stream may scatter and spread fire.

Specific hazards arising from the chemical

Hazardous decomposition products include irritating gases and vapors, toxic fumes, oxides of carbon and nitrogen, and ammonia.

Protective equipment and precautions for fire-fighters

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. 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.

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

Material can create slippery conditions.

No open flames. No sparks. No smoking.

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 up 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. Ensure adequate ventilation of the workstation. If the workplace threshold limit value is exceeded and/or the substance is released, use appropriate respiratory protection. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers.

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

Contaminated clothing should not be allowed out of the workplace. Wash before reuse or discard.

Conditions for safe storage, including any incompatibilities

Storage conditions

Keep in a dry, cool, well-ventilated place. Keep product and empty container away from heat and sources of ignition. Take measures to prevent the buildup of electrostatic charge. Do not apply pressure to empty drums. Keep container 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 TWA	OSHA TWA
Titanium Dioxide	--	10 mg/m ³	10 mg/m ³ total dust
Dipropylene Glycol Methyl Ether Acetate	--	--	--
Propylene Glycol Methyl Ether Acetate	--	--	--
Carbon Black	--	3.5 mg/m ³	3.5 mg/m ³
Silica, amorphous, fumed	--	--	20 mg/m ³
Aluminum Hydroxide	--	1 mg/m ³	--
Iron Oxide	--	5 mg/m ³	10 mg/m ³
Crystalline Silica	--	0.025 mg/m ³	--

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

Oil resistant impervious gloves are recommended. Appropriate body protection should be selected based on activity and possible exposure. A safety shower and eye wash fountain should be readily available.

Respiratory Protection

If adequate ventilation is not available, wear appropriate respirator for specific circumstances and with exposure guidelines in mind. OSHA 1910.134 or ANSI Z88.2 minimum requirements.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Opaque Gray, or Opaque Tan
Odor	No information
Melting point	No information
Boiling point	≥ 140°C / ≥ 284°F
Flammability	No information
Upper flammability limit	No information
Lower flammability limit	No information
Flash point	54°C / 130°F
Autoignition Temperature	No information
Decomposition temperature	No information
pH	No information
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	14.51 lb/gal
Relative density	No information

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal use conditions.

Chemical stability

Stable under recommended storage conditions.

Hazardous reactions

None under normal conditions of use.

Conditions to avoid

Keep away from open flames, hot surfaces, and sources of ignition.

Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

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 gas, mist, or vapor
Eye Contact	Liquid material splash or gas, mist, or vapor
Skin Contact	Liquid material splash
Ingestion	Liquid material

Symptoms related to physical, chemical, and toxicological characteristics

No information available

Delayed and immediate effects, including chronic effects from short- and long-term exposure

Product is suspected of causing cancer with repeated or prolonged exposure.

Numerical Values of Toxicity – Component Information

Chemical Name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Titanium Dioxide	> 10,000 mg/kg (Rat)	--	--
Dipropylene Glycol Methyl Ether Acetate	> 2,930 mg/kg (Rat)	--	--
Propylene Glycol Methyl Ether Acetate	8,532 mg/kg (Rat)	> 5 g/kg (Rabbit)	--
Carbon Black	> 8,000 mg/kg (Rat)	--	--
Silica, amorphous, fumed	> 5,000 mg/kg (Rat)	> 2,000 mg/kg (Rabbit)	> 2.2 mg/L (Rat, 1h)
Aluminum Hydroxide	> 5,000 mg/kg (Rat)	--	--
Iron Oxide	> 10,000 mg/kg (Rat)	--	--
Crystalline Silica	> 22,500 mg/kg (Rat)	--	--

Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer (not respirable in its current form)
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 are calculated based on chapter 3.1 of the GHS document

Chemical Name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
UltraColor HTS Pigment Cement Gray, Medium Tan, Mineral Gray, Silver Gray, Charcoal Gray	2,177 mg/kg	3,529 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**

This product is not considered harmful/toxic to aquatic life with long-lasting adverse effects on the environment.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Titanium Dioxide	--	LC ₅₀ > 1,000 mg/L (Pimephales promelas, 96h)	EC ₅₀ > 1,000 mg/L (Daphnia magna, 48h)
Dipropylene Glycol Methyl Ether Acetate	EC ₅₀ > 1,000 mg/L (Pseudokirchneriella subcapitata, 72h)	LC ₅₀ = 110.55 mg/L (Oncorhynchus mykiss, 96h)	LC ₅₀ = 4,284.6 mg/L (Daphnia magna, 24h)
Propylene Glycol Methyl Ether Acetate	--	LC ₅₀ = 161mg/L (Pimephales promelas, 96h)	EC ₅₀ = 500 mg/L (Daphnia magna, 48h)
Carbon Black	EC ₅₀ > 10,000 mg/L (Scenedesmus subspicatus, 72h)	LC ₅₀ = 1,000 mg/L (Brachydanio rerios, 96h)	EC ₅₀ > 5,600 mg/L (Daphnia magna, 24h)
Silica, amorphous, fumed	EC ₅₀ = 44 mg/L (Pseudokirchneriella subcapitata, 72h)	LC ₅₀ = 5,000 mg/L (Brachydanio rerio, 96h)	EC ₅₀ = 7,600 mg/L (Ceriodaphnia dubia, 48h)

Aluminum Hyrdoxide	--	--	--
Iron Oxide	--	LC ₅₀ > 50,000 mg/L (Danio rerio, 96h)	EC ₅₀ > 100 mg/L (48h)
Crystalline Silica	--	--	--

Chemical Name	Algae/aquatic plants	Fish	Crustacea
UltraColor HTS Pigment Cement Gray, Medium Tan, Mineral Gray, Silver Gray, Charcoal Gray	--	--	--

Persistence and Degradability

No information available

Bioaccumulation Potential

Chemical Name	Partition Coefficient n-octanol/water (Log P _{ow})
Titanium Dioxide	--
Dipropylene Glycol Methyl Ether Acetate	--
Propylene Glycol Methyl Ether Acetate	0.43
Carbon Black	--
Silica, amorphous, fumed	Not applicable
Aluminum Hyrdoxide	Not applicable
Iron Oxide	--
Crystalline Silica	Not applicable

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 regulations. Do not discharge product into sewer system, ground water, or bodies of water.

Contaminated Packaging

Do not reuse container.

14. TRANSPORT INFORMATION

UN Number	UN1263
UN Proper Shipping Name	Paint
Transport Hazard Class(es)	
DOT	Not regulated for transport
IMDG	3
IATA	3
Packing Group	
DOT	Not regulated for transport
IMDG	III
IATA	III
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 (Toxic Substances Control Act)	Complies
DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substances List)	Complies
EINECS/ELINCS (European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances)	Complies
ENCS (Japan Existing and New Chemical Substances)	Does not comply
IECSC (China Inventory of Existing Chemical Substances)	Complies
KECL (Korean Existing and Evaluated Chemical Substances)	Complies
PICCS (Philippines Inventory of Chemicals and Chemical Substances)	Complies
AICS (Australian Inventory of Chemical Substances)	Complies

US Federal Regulations

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

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	Yes
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 may expose users to chemicals which are known to the State of California to cause cancer and/or genetic defects, including carbon black, fumed silica, crystalline silica, and titanium dioxide, though none are respirable in their delivered form.

State Right to Know – New Jersey (Titanium dioxide)
Massachusetts (Titanium dioxide, Silica, amorphous, fumed)

HMIS Hazard codes

Health	1
Fire	2
Reactivity	0

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

Preparation Date	01-June-2023
Revision Date	2-February-2026
Revision Note	General formatting updates; updated Sections 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 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