

1. IDENTIFICATION

Product identifier

Product Name UltraColor E/P

Other means of identification

Product Code **297104**
SKU(s) 297104, 297154, 297204, 297254, 297304, 297404,
297454, 297604, 297804, 297854, 297904

Recommended use of the chemical and restrictions on use

Recommended use Pigmenting polyurethane and epoxy based coatings, adhesives, sealants and composites.
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address
ULTRA DURABLE TECHNOLOGIES
355 6th Ave N
Waite Park, MN 56387
320-258-2266

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

While this material is classified as non-hazardous under GHS and Federal OSHA Hazard communication Standard 29 CFR 1910.1200(d) regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

GHS Classification	Not a hazardous substance or mixture
GHS Label Element	Not a hazardous substance or mixture
Other hazards	None known

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Label elements in accordance with 29 CFR 1910.1200(f): Hazard pictogram(s)	Not Applicable
Signal word	Not Applicable
Hazard statements	Not Applicable
Precautionary statements	Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	% By Weight
Titanium dioxide Carc. 2, H351	13463-67-7	50.0 – 60.0
Carbon black Carc. 2, H351	1333-86-4	Not Applicable

Additional information

Non-classification as a carcinogen is based on non-respirable form of product.

The balance of raw materials is non-hazardous and/or proprietary.

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Inhalation

Move to fresh air. Get medical attention if symptoms develop or persist.

Skin Contact

Wash off with soap and water. Get medical attention if irritation develops or persists.

Eye contact

Rinse immediately with water. Get medical attention if irritation develops or persists.

Ingestion

Do not induce vomiting. Give a glass of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

General information

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

May discolor skin due to pigment. Pre-existing skin problems may be aggravated by prolonged or repeated contact. See section 11 for additional information.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Foam, Gaseous extinguishing agents, Fire extinguishing powder, Water fog/Haze.

Unsuitable extinguishing agents: Water stream

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

No further relevant information available.

Firefighting Instructions

Special protective equipment and precautions for firefighters: Wear self-contained breathing apparatus (SCBA) equipped with a full face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations. See section 9 for additional information.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions:

Water Spill

Keep material out of storm sewers and ditches which lead to waterways. Contain spilled material with sand or earth. Clean up spill immediately, observing precautions in the Personal Protection Section of SDS.

Land Spill

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contact applicable authorities and determine applicable regulations based on SDS information.

Air Release

Contact applicable authorities and determine applicable regulations based on SDS information.

Methods for Containment and Clean up:

Take up mechanically and dispose of according to local, state and federal regulations. For small amounts, absorb with a liquid binding material such as diatomaceous earth and dispose of according to local, state and federal regulations. Contain large amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

7. HANDLING AND STORAGE

Handling

Precaution for safe handling

As with any chemical product, use good laboratory/workplace procedures. Do not cut, puncture or weld on or near the container. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions.

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing.

Storage

This material is not hazardous under normal storage conditions; however, material should be stored in closed containers, in a secure area to prevent container damage and subsequent spillage. It is recommended that containers be raised above floor or ground during extended storage periods to prevent container corrosion due to standing water. Do not store in open, unlabeled, or mislabeled container. Keep container closed when not in use. Do not reuse empty container without commercial cleaning or reconditioning

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace

13463-67-7 Titanium dioxide

PEL (USA)	Long-term value: 15* mg/m3 *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10* 3** mg/m3 Withdrawn from NIC
EL (Canada)	Long-term value: 10* 3** mg/m3 *total dust, **respirable fraction; IARC2B
EV (Canada)	Long-term value: 10* mg/m3 *total dust
LMPE (Mexico)	Long-term value: 10* mg/m3 A4

1333-86-4 Carbon black

PEL (USA)	Long-term value: 3.5 mg/m3
REL (USA)	Long-term value: 3.5* mg/m3 *0.1 presence of PAHS; See Pocket Guide Apps. A+C
TLV (USA)	Long-term value: 3* mg/m3 *fraction inhalable
EL (Canada)	Long-term value: 3 mg/m3 IARC 2B
EV (Canada)	Long-term value: 3.5 mg/m3 *total dust
LMPE (Mexico)	Long-term value: 3* mg/m3 A3, *fraction inhalable

ENGINEERING CONTROLS

Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to minimize exposure. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Personal Protective Equipment

Eyes and Face

Use chemical safety goggles and/or full-face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain

and quick-drench facilities in work areas. Use good industrial practice to avoid eye contact.

Hygienic Work Practices

Skin Protection

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Minimize skin contamination by following good industrial hygiene practice. Wash hands and contaminated skin thoroughly after handling.

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

Respiratory Protection

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

Exposure Guidelines

Absence of values indicates none found.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Gray, Tan, or Clear Liquid
Odor	Mild, sweet
Odor threshold	Not determined
pH	Approx. 6
Melting point	Undetermined
Boiling point	>199°C (>390°F)
Flashpoint	204 °C (399.2°F)
Flammability (solid, gaseous)	Not applicable
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Auto igniting	Product is not self-igniting
Danger of explosion	Product does not present an explosion hazard
Oxidizing properties	Non-oxidizing
Vapor pressure at 20°C (68°F)	<0.0013 hPa (<0mm Hg) (<0.001 mm Hg)
Density at 20°C (68°F)	1.77g/cm ³ (14.78 lbs/gal)
Relative Density	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Solubility / immiscibility with water	Slightly soluble
Partition coefficient (n-octanol/water)	Not determined
Viscosity:	NA (cP (+/- at Room Temperature)
Dynamic at 25°C (77°F)	
Kinematic:	
Other information	No further relevant information available

10. STABILITY AND REACTIVITY

Stability	This material is chemically stable under specified conditions or storage, shipment and/or use.
Reactivity	None known.
Thermal decomposition/conditions to be avoided	No decomposition in used and stored according to specifications
Possibility of hazardous reactions	Reacts with strong oxidizing agents. Toxic fumes may be released if heated above the decomposition point.
Conditions to Avoid	No further relevant information available.
Incompatible materials	No further relevant information available.

Hazardous Decomposition Products Possible, in traces.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

LD/LC50 value that are relevant for classification None

Primary irritant effect

On the skin No irritant effect.

In the eye Slight irritant effect on eyes.

Sensitization No sensitizing effects known.
Not classified.

OTHER TOXICITY INFORMATION

No additional information available.

ADDITIONAL TOXICOLOGICAL INFORMATION

The product is not subject to classification according to internally approved calculation methods or preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

NTP (National Toxicology Program)
OSHA-Ca (Occupational Safety and Health Administration)
Probable Routes of Exposure

None of the ingredients listed
None of the ingredients listed.
Ingestion, inhalation, eye contact, skin contact.

Acute effects (acute toxicity, irritation and corrosivity from products as supplied
Repeated dose toxicity

None
No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity based on available data

The classification criteria are not met.

Carcinogenicity

Contains known or suspect carcinogens when inhaled. Product is in a non-inhalable form and is non-classifiable as a carcinogen. Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity No further relevant information available

Persistence and degradability No further relevant information available

Behavior in environmental systems

Bio accumulative potential No further relevant information available

Mobility in soil No further relevant information available

Additional ecological information

General note: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Due to available data on eliminability/decomposition and bioaccumulation potential, prolonged, long-term damage of the environment cannot be excluded.

Other adverse effects No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation Smaller quantities can be disposed of with household waste.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal of hazardous and non-hazardous wastes.

Uncleaned packaging Recommendation Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

The information below is provided to assist in documentation. It may supplement the information on the package. The package in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions

TRANSPORT HAZARD CLASS (ES)

U.S. DOT hazard Class	N/A
Canada TDG hazard class	N/A
Europe ADR/RID hazard class	N/A
IMDG Code (ocean) hazard class	N/A
ICAO/IATA (air) hazard class	N/A

A "N/A" listing for the hazard class indicates the product is not regulated for transport by that regulation.

ENVIROMENTAL HAZARDS

Marine pollutant	N/A
Hazardous substance (USA)	N/A
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not applicable
SPECIAL PRECAUTIONS FOR USER	Not applicable

15. REGULATORY INFORMATION

US/CANADA REGULATORY INFORMATION

WHMIS (Canada) Status

This is not a WHMIS controlled product.

TSCA Inventory Status & TSCA Information

This material or its components are listed on or comply with the requirements of the TSCA Chemical substance Inventory.

TSCA 12 (b) Export Notification

This material does not contain any TSCA 12 (b) regulated chemicals.

CERCLA REGULATED CHEMICALS

This material does not contain any CERCLA regulated chemicals

SARA 302 EHS Chemicals

This material does not contain any SARA extremely hazardous substance.

SARA 311 / 312 Hazard Class

This product does not contain any SARA 311/312 hazardous substance.

SARA 313 Chemicals

This material does not contain any SARA 313 chemicals above the minimum levels.

HAPS (Hazardous Air Pollutants)

This material does not contain any hazardous air pollutants.

CALIFORNIA PROPOSITION 65

This product contains Titanium dioxide, CAS# 13463-67-7 and Carbon black, CAS# 1333-86-4 known to the state of California to cause cancer, birth defects, or any other reproductive harm but in a non-respirable form not the powder state as cited in the proposition.

Reference to Titanium dioxide and Carbon black is based on unbound respirable particles and is not generally applicable to the product as supplied.

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

HMIS

Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: X

NFPA

Health: 1 Flammability: 1 Reactivity: 0 N/A

Key: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme.

An asterisk appearing after the HMIS Health numerical rating denotes a chronic hazard. Hazardous Materials Identification System (HMIS), National Paint and Coating Association, rating applies to product "as packaged" (i.e., ambient temperature). Ratings are based upon HMIS® III and NFPA 704 (2007). An asterisk appearing after the HMIS Health® III Numerical rating denotes a chronic hazard. National Fire Protection Association (NFPA) rating identifies the severity of hazards of material during a fire emergency (i.e., "on fire").

ACGIH (American Conference of Governmental Industrial Hygienists)

N/A: Not Applicable

N/E: None Established

STEL: Short Term Exposure Limit

TWA: Time Weighted Average (exposure for 8-hour workday)

Revision Date 04-Jun-2024

Revision Note General formatting updates; updated chemical and physical properties

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