

1. IDENTIFICATION

Product identifier
Product Name EPIC Matte Part A

Other means of identification
Part Number(s) 410005, 410349, 410350

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 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).

Skin Irritation	Category 3
Serious Eye Irritation	Category 2

GHS Label elements, including precautionary statements

Signal Word **Warning**
Hazard statements

Causes mild skin irritation.

Causes serious eye irritation.

Precautionary Statements – Prevention:

Wash hands thoroughly after handling.

Wear eye and face protection.

Precautionary Statements - Response:

If skin irritation occurs, get medical help.

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

If eye irritation persists, get medical help.

Precautionary Statements - Storage:
Precautionary Statements - Disposal:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Proprietary non-hazardous polymer resins	N/A	25 - 35
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	77-99-6	5 - 10
(2-methoxymethylethoxy)propanol	34590-94-8	5 - 10
Triethanolamine	102-71-6	5 - 10
Silicon dioxide, chemically prepared	112926-00-8	1 - 5
Propylidynetrimethanol, propoxylated, reaction products with ammonia	39423-51-3	0.5 - 1.5

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 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 attention if irritation develops.

Inhalation

Remove victim to fresh air and keep comfortable for breathing. Seek medical attention.

Ingestion

If product is swallowed, give affected person two glasses of water for dilution. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. 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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide. Dry chemical. Chemical Foam.

Unsuitable extinguishing media

No information available

Specific hazards arising from the chemical

Products of combustion include compounds of carbon, hydrogen, nitrogen, and oxygen, including carbon monoxide.

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 spray to prevent container rupture due to steam buildup; contact with material may cause irritation to skin, eyes, and respiratory tract. 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.
 Avoid breathing fumes, mist, vapor, or spray.
 Shut off source of leak if safe to do so. Wear gloves, protective eyewear and protective clothing.
 Dike and contain product.

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 an 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
Proprietary non-hazardous polymer resins	Not established	Not established	Not established
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	Not established	Not established	Not established
(2-methoxymethylethoxy)propanol	150 ppm	100 ppm	100 ppm
Triethanolamine	Not established	5 mg/m ³	Not established
2-dimethylamino-2-methylpropanol	Not established	Not established	Not established
Silicon dioxide, chemically prepared	Not established	Not established	Not established
Propylidynetrimethanol, propoxylated, reaction products with ammonia	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

In the event that misting occurs, wear appropriate respirator.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Opaque, White
Odor	Mild
Melting point	No information
Boiling point	212°F (100°C)
Flammability	Not applicable
Upper flammability limit	No information
Lower flammability limit	No information
Flash point	>93.3°C/ >200°F
Autoignition Temperature	No information
Decomposition temperature	No information
pH	8.5
Dynamic Viscosity	125cP
Kinematic Viscosity	No information
Solubility	Totally miscible
Partition coefficient n-octanol/water (Log Pow)	No information
Vapor pressure	17 mmHg @ 20°C
Density	8.91 lb/gal
Relative Density	No information
Volatile Organic Compounds	No information

10. STABILITY AND REACTIVITY

Reactivity

Can react vigorously with strong oxidizers, strong acids, mineral and organic bases, primary and secondary aliphatic amines.

Chemical stability

Stable under normal conditions.

Hazardous reactions

May occur with excess of aliphatic amine curing agent.

Conditions to avoid

Extreme temperatures

Incompatible materials

Strong oxidizing materials. Strong acids. Mineral and organic bases. Primary and secondary aliphatic amines.

Hazardous decomposition products

Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, nitrogen, hydrocarbons, fumes and smoke may be produced.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure
Inhalation

Inhalation of gas, mist, or vapor

Eye Contact Liquid material splash or gas/vapor/mist

Skin Contact Liquid material splash

Ingestion Liquid material

Symptoms related to the physical, chemical, and toxicological characteristics

No information available

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 ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Proprietary non-hazardous polymer resins	--	--	--
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	14,100 mg/kg (Rat)	9,500 mg/kg (Rabbit)	--
(2-methoxymethylethoxy)propanol	5,350 mg/kg (Rat)	9,500 mg/kg (Rabbit)	--
Triethanolamine	4,190 mg/kg (Rat)	> 2,000 mg/kg (Rabbit)	--
Silicon dioxide, chemically prepared	--	--	> 200 mg/m ³ (Rat)
Propylidynetrimethanol, propoxylated, reaction products with ammonia	550 mg/kg (Rat)	>1,000 mg/kg (Rat)	--

Skin Corrosion/Irritation Skin irritation that may lead to rash

Serious Eye Damage/Irritation Eye irritation

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

The following data is calculated using Chapter 3 of the GHS document.

Chemical Name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
EPIC Matte Part A	21,364 mg/kg	6,473 mg/kg	1,943 mg/m ³

Acute Toxicity (oral) Not classified

Acute Toxicity (dermal) Not classified

Acute Toxicity (inhalation) Not classified

Interactive effects

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not believed to be harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Proprietary non-hazardous polymer resins	--	--	--
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	--	--	--
(2-methoxymethylethoxy)propanol	EC ₅₀ >969 mg/L (72h Pseudokirchneriella subcapitata)	LC ₅₀ >1,000 mg/L (96h Poecilia reticulata)	LC ₅₀ = 1919 mg/L (48h Daphnia magna)
Triethanolamine	EC ₅₀ = 169 mg/L (Desmodesmus subspicatus, 96h) EC ₅₀ = 316 mg/L (Desmodesmus subspicatus, 72h)	LC ₅₀ 10,600 – 13,000 mg/L (Pimephales promelas, 96h, flow-through) LC ₅₀ > 1,000 mg/L (Pimephales promelas, 96h, static)	--
Silicon dioxide, chemically prepared	--	--	--
Propylidynetrimethanol, propoxylated, reaction products with ammonia	ErC ₅₀ = 4.4 mg/L (Selenastrum capricornutum, 72h) NOEC = 1 mg/L (Selenastrum capricornutum, 72h)	LC ₅₀ > 100 mg/L (Oncorhynchus mykiss, 96h)	EC ₅₀ = 13 mg/L (Daphnia magna, 48h)

Chemical Name	Algae/aquatic plants	Fish	Crustacea
EPIC Matte Part A	--	--	--

Persistence and degradability

No additional information available

Bioaccumulation potential

Chemical Name	Partition Coefficient n-octanol/water (Log P _{ow})
Proprietary non-hazardous polymer resins	Not established
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	-0.5
(2-methoxymethylethoxy)propanol	-0.064
Triethanolamine	-2.53
Silicon dioxide, chemically prepared	Not established
Propylidynetrimethanol, propoxylated, reaction products with ammonia	Not established

Assessment

Significant accumulation not expected.

Mobility in soil

May be mobile in the environment due to its water solubility.

Other adverse effects

No information available

Water hydrolysis

Product is entirely soluble in water and not expected to hydrolyze

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal of wastes

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

UN number

Not regulated for transport

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 Precautions 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 because a low volume exemption has been granted in accordance with 40 CFR 723.50.

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 Regulations. 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

No

Respiratory or Skin Sensitization

No

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

HMIS Hazard codes

Health	1
Fire	0
Reactivity	0

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

Preparation Date	13-October-2023
Revision Date	23-April-2025
Revision Note	General formatting updates; Updated Sections 2, 11, 12, and 14.

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