

## 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 6<sup>th</sup> 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, seek medical advice.  
 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, seek medical advice..

**Precautionary Statements - Storage:**

**Precautionary Statements - Disposal:****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %
Proprietary polymer resin blend	--	15 - 40
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	5 - 10
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 polymer resin blend	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 <sup>3</sup>	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**

<b>Physical state</b>	Liquid
<b>Color</b>	Opaque, White
<b>Odor</b>	Mild
<b>Melting point</b>	No information
<b>Boiling point</b>	212°F (100°C)
<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

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	8.98 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**

<b>Inhalation</b>	Inhalation of gas, mist, or 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**

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 <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Proprietary polymer resin blend	--	--	--
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 <sup>3</sup> (Rat)
Propylidynetrimethanol, propoxylated, reaction products with ammonia	550 mg/kg (Rat)	>1,000 mg/kg (Rat)	--

<b>Skin Corrosion/Irritation</b>	Skin irritation that may lead to rash
<b>Serious Eye Damage/Irritation</b>	Eye irritation
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<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 is 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>
EPIC Matte Part A	21,364 mg/kg	6,473 mg/kg	1,943 mg/m <sup>3</sup>

<b>Acute Toxicity (oral)</b>	Not classified
<b>Acute Toxicity (dermal)</b>	Not classified
<b>Acute Toxicity (inhalation)</b>	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 polymer resin blend	--	--	--
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	--	--	--
(2-methoxymethylethoxy)propanol	EC <sub>50</sub> >969 mg/L (72h <i>Pseudokirchneriella subcapitata</i> )	LC <sub>50</sub> >1,000 mg/L (96h <i>Poecilia reticulata</i> )	LC <sub>50</sub> = 1919 mg/L (48h <i>Daphnia magna</i> )
Triethanolamine	EC <sub>50</sub> = 169 mg/L ( <i>Desmodesmus subspicatus</i> , 96h) EC <sub>50</sub> = 316 mg/L ( <i>Desmodesmus subspicatus</i> , 72h)	LC <sub>50</sub> 10,600 – 13,000 mg/L ( <i>Pimephales promelas</i> , 96h, flow-through) LC <sub>50</sub> > 1,000 mg/L ( <i>Pimephales promelas</i> , 96h, static)	--
Silicon dioxide, chemically prepared	--	--	--
Propylidynetrimethanol, propoxylated, reaction products with ammonia	ErC <sub>50</sub> = 4.4 mg/L ( <i>Selenastrum capricornutum</i> , 72h) NOEC = 1 mg/L ( <i>Selenastrum capricornutum</i> , 72h)	LC <sub>50</sub> > 100 mg/L ( <i>Oncorhynchus mykiss</i> , 96h)	EC <sub>50</sub> = 13 mg/L ( <i>Daphnia magna</i> , 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 <sub>ow</sub> )
Proprietary polymer resin blend	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 in 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 contains substances believed by the state of California to cause cancer and birth defects or other reproductive harm.

State Right to Know – Massachusetts, New Jersey, Pennsylvania

**HMIS Hazard codes**

<b>Health</b>	<b>1</b>
<b>Fire</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>

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

Preparation Date	13-October-2023
Revision Date	7-May-2026
Revision Note	Updated chemical composition table, Section 3. Updated US State Regulations statement, Section 15. General formatting updates.

**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