

## 1. IDENTIFICATION

**Product identifier**

**Product Name** EPIC Gloss Part A

**Other means of identification**

**Part Number(s)** 410000, 410101, 410050

**Recommended use of the chemical and restrictions on use**

**Recommended use** For Professional Use Only

**Uses advised against** No information available

**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  
Ultrad.com

**Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

Skin Irritation	Category 3
Serious Eye Damage/Eye Irritation	Category 2



**Signal Word** **Danger**

**Hazard statements**

Causes skin irritation.

Causes serious eye irritation.

**Precautionary Statements – Prevention:**

Obtain special instructions before use.

Do not get in eyes, on skin, or on clothing.

Wash hands thoroughly after handling.

Wear protective gloves and eye protection.

**Precautionary Statements - Response:**

IF ON SKIN remove contaminated clothing and wash affected area with soap and water.

If skin irritation occurs, get medical help.

Wash contaminated clothing before reuse.

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:**

Keep container tightly closed.

**Precautionary Statements - Disposal:**

Dispose of contents/containers at an approved waste disposal plant.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	Weight %
Proprietary non-hazardous polymer resin	--	15 - 40
2-Ethyl-2-(hydroxymethyl)propane-1,3-diol	77-99-6	5 - 10
(2-methoxymethylethoxy)propanol	34590-94-8	5 - 10
2-dimethylamino-2-methylpropanol	7005-47-2	1 - 5
Dipropylene glycol monomethyl ether	34590-94-8	1 - 5
Propylidyntrimethanol, propoxylated, reaction products with ammonia	39423-51-3	0.5 - 1.5
1,3-bis(aminomethyl)cyclohexane	2579 -20-6	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 and persists.

**Inhalation**

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

**Ingestion**

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, give two glasses of water for dilution; DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

None expected.

**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 Chemical**

Product may be irritating to skin, eyes and respiratory tract. 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. Keep containers cool with water spray to prevent container rupture due to steam buildup; contact with material may cause irritation to skin, eyes and respiratory tract. Wear self-contained breathing apparatus pressure-demand, NIOSH (or equivalent) approved and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

Shut off source of leak if safe to do so. Wear gloves, protective eyewear and protective clothing. Dike and contain product.

**Environmental Precautions**

Do not allow product to enter drains, sewers, or groundwater. Do not allow waster water to enter drains, sewers, or groundwater.

**Methods and Materials for Containment and Cleaning Up**

Confine spill, soak up with clay, sand or other approved absorbent, shovel product into approved container for disposal.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

Wear appropriate personal protective equipment. Wash hands thoroughly after use. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for Safe Storage, including any incompatibilities**

**Storage Conditions**

Store locked up. Keep containers closed when not in use. Store upright in a cool, dry area away from direct sunlight and heat.

**Incompatible materials**

Strong oxidizers. Strong acids and alkali.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls**

The use of local exhaust ventilation is recommended. Eyewash stations, chemical showers recommended.

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Ethyl-2-(hydroxymethyl)Propane-1,3-diol	Not established	Not established	Not established
(2-methoxymethylethoxy)propanol	100ppm (TWA)	240 mg/m <sup>3</sup>	Not established
2-dimethylamino-2-methylpropanol	Not established	Not established	Not established
Dipropylene glycol monomethyl ether	100ppm (TWA)	240 mg/m <sup>3</sup>	Not established
Propylidynetrimethanol, propoxylated, reaction products with ammonia	Not established	Not established	Not established
1,3-bis(aminomethyl)cyclohexane	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**

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 practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Color</b>	Colorless, Opaque
<b>Odor</b>	Slightly sweet
<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>Flashpoint</b>	>200°F (>93°C)
<b>Auto-ignition Temperature</b>	No information
<b>Decomposition Temperature</b>	No information
<b>pH</b>	9
<b>Kinematic Viscosity</b>	73.85 mm <sup>2</sup> /s
<b>Solubility (in water)</b>	Totally Miscible
<b>Partition Coefficient</b>	Not applicable
<b>Vapor Pressure</b>	17 mmHg @ 20° C
<b>Density</b>	8.85 lb/gal
<b>Vapor Density</b>	> 1
<b>Particle Characteristics</b>	No information
<b>Viscosity</b>	2500cP
<b>Volatile Organic Contents</b>	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 oxidizers, 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 a fire, oxides of carbon, nitrogen, hydrocarbons, fumes and smoke may be produced.

## 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Inhalation** Exposure to vapor or mist may irritate respiratory tract

**Eye Contact** Liquid material splash or gas/vapor/mist

**Skin Contact** Liquid material splash

**Ingestion** Liquid material

**Numerical Values of Toxicity - Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	14100 mg/kg (Rat)	--	--
(2-methoxymethylethoxy)propanol	5350 mg/kg (Rat)	9500 mg/kg (Rabbit)	--
2-dimethylamino-2-methylpropanol	25 mg/kg (Mouse)	--	--
Propylidynetrimethanol, propoxylated	550 mg/kg (Rat)	>1000 mg/kg (Rat)	--
1,3-bis(aminomethyl)cyclohexane	200 – 2000 mg/kg (Rat)	1700 mg/kg (Rabbit)	--

<b>Skin Corrosion/Irritation</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation</b>	Causes serious 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**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
EPIC Gloss Part A	16726 mg/kg (Rat, calculated)	721 mg/kg (Rat/Rabbit, calculated)	--

<b>Acute Toxicity (oral)</b>	Not classified
<b>Acute Toxicity (dermal)</b>	Not classified
<b>Acute Toxicity (inhalation)</b>	Not classified

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

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

Chemical Name	Algae/aquatic plants	Fish	Crustacea
2-ethyl-2-(hydroxymethyl)propane-1,3-diol	--	--	--
(2-methoxymethylethoxy)propanol	EC <sub>50</sub> >969 mg/L (72h Pseudokirchneriella subcapitata)	LC <sub>50</sub> >1,000 mg/L (96h Poecilia reticulata)	LC <sub>50</sub> = 1919 mg/L (48h Daphnia magna)
2-dimethylamino-2-methylpropanol	--	--	--
Propylidynetrimethanol, propoxylated	EC <sub>50</sub> = 4.4 mg/L (72h Pseudokirchneriella subcapitata)	LC <sub>50</sub> >100 mg/L (96h Oncorhynchus mykiss)	EC <sub>50</sub> = 13 mg/L (48h Daphnia magna)
1,3-bis(aminomethyl)cyclohexane	EC <sub>50</sub> = 56.7 mg/L (72h Selenastrum capricornutum)	LC <sub>50</sub> = 130 mg/L (96h Leuciscus idus)	EC <sub>50</sub> = 33.1 mg/L (48h Daphnia magna)

Chemical Name	Algae/aquatic plants	Fish	Crustacea
NF24 EPIC Part A Gloss	--	--	--

**Persistence and Degradability**

No information available

**Bioaccumulation Potential**

Chemical Name	Partition Coefficient n-octanol/water (Log P <sub>ow</sub> )

2-ethyl-2-(hydroxymethyl)propane-1,3-diol	0.4 – 2.6
(2-methoxymethylethoxy)propanol	Not established
2-dimethylamino-2-methylpropanol	Not established
Propylidynetrimethanol, propoxylated	Not established
1,3-bis(aminomethyl)cyclohexane	Not established

**Assessment**

Significant accumulation not expected.

**Mobility in Soil**

No information available

**Other Adverse Effects**

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 regulation. Do not discharge product into sewer system.

**Contaminated Packaging**

Do not reuse container.

**14. TRANSPORT INFORMATION**

**UN Number**

Not applicable

**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

**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.

**DSL / NDSL**

Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in section 2 unless otherwise indicated.

**US Federal Regulations**

**SARA 313**

Section 313 of 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**

Yes

<b>Chronic Health Hazard</b>	No	
<b>Fire Hazard</b>	No	
<b>Sudden Release of Pressure Hazard</b>		No
<b>Reactive Hazard</b>	No	
<b>Carcinogenicity</b>	No	
<b>Respiratory or Skin Sensitization</b>	No	
<b>Germ Cell Mutagenicity</b>	No	
<b>Serious Eye Damage/Irritation</b>	Yes	

**CERCLA**

This material, as supplied, contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (40 CFR 302)

**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

**International Regulations**

**Canada**

**WHMIS Classification** Not Controlled

**HM IS Hazard codes**

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

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

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

Preparation Date	10-October-2024
Revision Date	11-April-2025
Revision Note	Updated Sections 2, 11, 14, and 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