

1. IDENTIFICATION

Product Identifier

Product Name MV Epoxy Primer Part A

Other means of identification

Part Number(s) 253100, 253200, 253250

Recommended use of the chemical and restrictions on use

Recommended use Moisture vapor barrier epoxy primer; 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. N
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 Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin Sensitization	Category 1
Chronic Aquatic Toxicity	Category 2



Signal Word Danger

Hazard Statements

Causes skin irritation

Causes serious eye damage.

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

Precautionary Statements – Prevention

Wash hands and exposed skin thoroughly after handling.

Wear protective gloves, eye and face protection.

Avoid breathing fumes, mist, or vapors.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Precautionary Statements – Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, seek medical attention.

Take off contaminated clothing and wash before reuse.

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

Seek medical attention.

Collect spillage.

Precautionary Statements – Storage**Precautionary Statements – Disposal**

Dispose of contents and container to an approved waste disposal site.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %
Bisphenol-A epoxy resin ($M_n < 700$)	25068-38-6	60 - 80
Alkyl (C12-14) glycidyl ether	68609-97-2	10 - 30
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	10 - 30

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 thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention. If irritation persists, seek medical advice.

Skin Contact

Immediately wash exposed skin with soap and water. Rinse thoroughly. If skin irritation develops, seek medical attention.

Inhalation

Remove victim to fresh air and keep comfortable for breathing. If necessary, use artificial respiration (CPR) to support vital functions. Seek medical attention if irritation persists.

Ingestion

Rinse mouth with water and drink plenty of water afterwards. Do NOT induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek immediate medical attention.

Most important symptoms and effects, both acute and delayed

May cause skin irritation, leading to rash and sensitization in some cases.

May cause eye irritation, leading to redness and itching of eyes. Prolonged exposure may be damaging to eyes.

Immediate medical attention and special treatment, if necessary

Flush eyes and exposed skin.

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Protective equipment and precautions for firefighters**

Wear self-contained respiratory protective device.

Suitable extinguishing media

Water spray. Carbon dioxide. Dry powder. Foam.

Unsuitable extinguishing media

No information available.

Specific hazards arising from the chemical

Hazardous decomposition products include toxic fumes and oxides of carbon.

Protective equipment and precautions for firefighters

Evacuate area and move all non-emergency personnel away from and upwind of fire.

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.

No open flames, no sparks, and 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 materials 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 inert, absorbent material, such as sand, earth, or vermiculite. Take up mechanically to an appropriate waste disposal container. Ventilate area. Wash spill site 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 work clothing. Wash hands and exposed skin thoroughly after use. Practice good industrial hygiene when using product. Ensure good ventilation of the workstation. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Avoid contact with skin and eyes.

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

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store in a cool, dry, well-ventilated place. Store away from direct sunlight, locked up in tightly closed containers when not in use.

Incompatible materials

Oxidizing agents. Acidic materials.

Reacts rapidly in presence of amines.

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
Bisphenol-A epoxy resin ($M_n < 700$)	Not Established	Not Established	Not Established
Alkyl (C12-14) glycidyl ether	Not Established	Not Established	Not Established
Phenol, polymer with formaldehyde, glycidyl ether	Not Established	Not Established	Not Established

Individual protection measures, such as personal protective equipment**Eye/face protection**

Protective eyewear (goggles or safety glasses). Face protection 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 practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear to slightly cloudy, colorless
Odor	Mild
Melting point	No information
Boiling point	>= 242 °C / 468 °F
Flammability	No information
Upper flammability limit	No information
Lower flammability limit	No information
Flash point	Not applicable
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	9.67 lbs/gal
Relative Density	No information
Percent Solids (weight)	59.1
Percent volatile (weight)	0
Percent Solids (volume)	60.8
Actual VOC (lbs/gal)	0
Actual VOC (g/l)	0
EPA VOC (lbs/gal)	0
EPA VOC (g/l)	0

10. STABILITY AND REACTIVITY

Reactivity

This product is non-reactive under normal conditions of use, storage, and transport.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal conditions.

Conditions to avoid

Extremes of temperature – hot and cold.

Direct Sunlight.

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatible materials

Will react rapidly in presence of amines.

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 the physical, chemical and toxicological characteristics

Skin irritation may develop leading to rash. An allergic skin reaction may develop.
Eye irritation may develop leading to redness.

Delayed and immediate effects as well as 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
Bisphenol-A epoxy resin (M _n < 700)	> 2,000 mg/kg (Rat)	--	--
Alkyl (C12-14) glycidyl ether	> 2,000 mg/kg (Rat)	--	--
Phenol, polymer with formaldehyde, glycidyl ether	--	--	--

Skin Corrosion/Irritation

Skin irritation, redness, rash

Serious Eye Damage/Irritation

Eye irritation, redness

Respiratory or Skin Sensitization

An allergic skin reaction may develop

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 measures 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
MV Epoxy Primer Part A	1,590 mg/kg	--	--

Acute Toxicity (oral)

Not classified

Acute Toxicity (dermal)

Not classified

Acute Toxicity (inhalation)

Not classified

Interactive effects

Pre-existing skin conditions may be aggravated.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This product is considered harmful to aquatic organisms with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Bisphenol-A epoxy resin (M _n < 700)	LC ₅₀ = 9.4 mg/L (48h, algae)	LC ₅₀ = 1.2 mg/L (96h, fish)	EC ₅₀ = 2.7 mg/L (48h)
Alkyl (C12-14) glycidyl ether	IC ₅₀ = 843.75 mg/L (72h, <i>Pseudokirchneriella subcapitata</i>)	LC ₅₀ > 5,000 mg/L (96h, <i>Oncorhynchus mykiss</i>)	EC ₅₀ = 7.2 mg/L (48h, <i>Daphnia Magna</i>)
Phenol, polymer with formaldehyde, glycidyl ether	--	--	--

Chemical Name	Algae/aquatic plants	Fish	Crustacea
MV Epoxy Primer Part A	--	--	--

Persistence and degradability

No information available

Bioaccumulation potential

Chemical Name	Partition Coefficient n-octanol/water (Log P _{ow})
Bisphenol-A epoxy resin (M _n < 700)	3.242
Alkyl (C12-14) glycidyl ether	--

Phenol, polymer with formaldehyde, glycidyl ether	--
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Assessment

No information available

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 waste**

Disposal of contents/container should be in accordance with applicable regional, national, and local laws and regulations. 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

Chronic Aquatic Toxicity; do not allow product to enter drains, sewers, public water, surface water, or groundwater.

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**

All components of this product are listed on the TSCA Inventory or are exempted from listing.

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	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No
Carcinogenicity	No
Respiratory or Skin Sensitization	Yes - Skin
Germ Cell Mutagenicity	No

Serious Eye Damage/Irritation Yes

US State Regulations

California Proposition 65 – This product does not contain substances known to the State of California to cause cancer, developmental, and/or reproductive harm.

State Right to Know – Massachusetts, New Jersey, Pennsylvania

International Regulations

KECL All components listed
(Korean Existing Chemical and Chemical Substances)

NZIoC All components listed
(New Zealand Inventory of Chemicals)

HMIS Hazard codes

Health	1
Fire	1
Reactivity	0

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

Preparation Date 01-Jan-2023
Revision Date 04-November-2025
Revision Note General formatting updates; Updates sections 1, 2, 3, 4, 6, 8, 9, 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