

1. IDENTIFICATION

Product identifier

Product Name MV Epoxy Primer Part A

Other means of identification

SKU(s) 253100, 253200, 253250

Manufacturer Address

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

Emergency Telephone

Chemtrec within the United States 1-800-424-9300
 Chemtrec within Canada 1-703-527-3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 1
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Emergency Overview

Warning

Hazard Statements

Causes eye damage, skin sensitization



Appearance No information available

Physical state Liquid

Odor No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Bisphenol-A epoxy resin ($M_n < 700$)	25068-38-6	60.00% - 70.00%
Alkyl (C12-14) glycidyl ether	68609-97-2	10.00% - 20.00%
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	10.00% - 20.00%

4. FIRST AID MEASURES

First Aid Measures

If Inhaled	Supply fresh air. If required provide artificial respiration. Keep patient warm. Consult physician if symptoms persist
If In Eyes	Remove contact lens if worn and easy to do so. Rinse opened eyes for at least 15 minutes under running water, raising upper and lower eyelids. If symptoms persist, consult a physician
If on Skin	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a physician.
If Ingested	Rinse out mouth and then drink plenty of water afterwards. Do not induce vomiting. Call for medical help immediately.
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Alcohol resistant Foam
Fire extinguishing powder
Carbon dioxide

Specific hazards arising from the chemical

Formation of toxic gases is possible during heating or in case of fire.

Hazardous Combustion Products Carbon Oxides

Protective equipment and precautions for firefighters

Wear self-contained respiratory protective device

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required. Avoid contact with eyes and skin. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Environmental Precautions	Prevent entry into waterways, sewers, basements, or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for

disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Use with local exhaust ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers.

Incompatible materials Reacts with oxidizing agents and acidic materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Bisphenol-A epoxy resin ($M_n < 700$) 25068-38-6	Not Established	Not Established	Not Established
Alkyl (C12-14) glycidyl ether 68609-97-2	Not Established	Not Established	Not Established
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	Not Established	Not Established	Not Established

Control parameters

Exposure Guidelines

NIOSH Immediately Dangerous to Life or Health

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles. Face protection shield.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	No information available
Odor	No information available
Odor threshold	No information available

Color No information available

Property**Values****Remarks • Method**

pH	No information available	No
Melting point / freezing point	information available	No
Boiling point / boiling range	>= 242 °C / 468 °F	
Flash point		
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
	Non-flammable	

Flammability Limit in Air

Upper flammability limit: No information available

Lower flammability limit: No information available

Vapor pressure No information available

Vapor density No information available

Specific Gravity No information available

Water solubility No information available

Solubility in other solvents No information available

Partition coefficient No information available

Autoignition temperature No information available

Decomposition temperature No information available

Kinematic viscosity No information available

Dynamic viscosity No information available

Explosive properties No information available

Oxidizing properties No information available

No information available

Other Information

Softening point No information available

Molecular weight information available

Liquid Density Bulk density 9.67 lbs/gal

No information available

Percent solids by weight 59.1%

Percent volatile by weight 0.0%

Percent solids by volume 60.8%

Actual VOC (lbs/gal) 0

Actual VOC (grams/liter) 0

EPA VOC (lbs/gal) 0

EPA VOC (grams/liter) 0

EPA VOC (lb/gal solids) 0

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

0% of the mixture consists of component(s) of unknown hazard to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

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

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of waste Disposal should be in accordance with applicable regional, national and local laws and regulations. Keep out of water and sewer systems.

Contaminated packaging Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

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
Chronic Health Hazard		No
Fire hazard		No
Sudden release of pressure hazard	No	
Reactive Hazard		No

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Hazardous air pollutants (HAPS) content

This product contains no Hazardous Air Pollutants individually at 1% by weight, or greater.

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

Preparation Date	01-Jan-2023
Revision Date	03-Jun-2024
Revision Note	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