

DECEMBER 2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Maxxon® Commercial MVP Two-Part Epoxy – Part B

Recommended uses:Used to protect underlayments and floor coverings from the damaging effects of

moisture vapor through concrete slabs.

Restrictions on uses: Use only as directed on product label.

Supplier: Maxxon Corporation, 920 Hamel Road • PO Box 253 • Hamel, MN 55340

Company Telephone/Fax: (763) 478-9600 / (763) 478-2431

Emergency Telephone Number: Within USA & Canada (800) 424-9300 (CHEMTREC)

USA & Canada +1 703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

Health Hazards

Skin Corrosion Category 1A

Eye Damage Category 1

Skin Sensitization Sub-Category 1B

Acute Toxicity, Oral Category 4

Acute Toxicity, Dermal Category 4

Aquatic Toxicity Category 3

Hazard Pictograms



Signal Word: Danger!

Hazard Statement: Harmful in contact with skin of if swallowed. Causes severe skin burns and eye

damage. May cause respiratory tract irritation. Very toxic to aquatic life with

long lasting effects.

Precautionary statement

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after

handling. Do not eat, drink, or smoke when using this product. Wear protective

gloves/protective clothing/eye protection/face protection.

Response: If on skin: Wash with plenty of soap and water. If in eyes: Rinse cautiously with

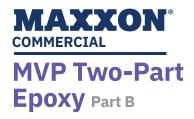
water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If inhaled: remove person to fresh air and keep comfortable for breathing. If swallowed: Rinse mouth. Do not induce vomiting. If eye

irritation persists: Get medical advice/attention. Take off contaminated clothing

and wash before reuse.

Disposal: Dispose of contents/container to an approved waste disposal plant.

Other Hazards: No data available.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS#	PERCENT/WT.
Phenalkamine	868765-93-9	10-30%
1,3-Cyclohexanedimethanamine	002579-20-6	10-30%
Benzyl Alcohol	000100-51-6	10-30%
Epoxy Polyamine Adduct	Not Available	10-30%

4. FIRST AID MEASURES

General Advice: Remove person from affected area and make comfortable.

Treat symptomatically.

Eyes: Flush eyes with water at least 15 minutes. Get medical attention.

Skin: Remove product and flush affected area with water for 15 minutes.

If irritation persists, get medical attention.

Inhalation: Move to fresh air. Give assisted respiration if breathing has stopped or

is labored (Call a physician).

Ingestion: Give 3-4 glasses of water or milk if person is conscious. Do Not Induce

Vomiting! Obtain medical care and treatment.

5. FIRE FIGHTING MEASURES

Flash Point: 121°C (250°F) PMCC

Conditions of Flammability: N/A

Flammable Limits: LEL: NE UEL: NE

Auto Ignition Temp: NA

OSHA Class: IIIB

Sensitivity to Impact: None

Hazardous Combustion Products: CO, CO2, HN3, Nitrogen oxides can be produced if heated, burned, or reacted

with incompatible materials. Nitrogen oxides can react with water vapors to form

corrosive nitric acid.

Sensitivity to Static Discharge: None

Extinguishing media: Igniting may give rise to A class B fire. In case of fire use: Water, fog, carbon

dioxide, dry chemical, alcohol foam.



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5. FIRE FIGHTING MEASURES Continued

Special Fire Fighting Procedures: None likely with small quantities. For large quantities, firefighters and others

exposed to vapors or products of combustion should wear butyl rubber boots, globes, and body suit. Self-contained breathing apparatus should be worn.

Unusual Fire and

Explosive Hazards: May generate toxic or irritating combustion products. Sudden reaction and fire

may result if product is mixed with an oxidizing agent.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of

material is released or spilled: Shut off sources of ignition. Cover spills with absorbent. Place in metal

containers for recovery or disposal. Prevent entry into sewers, storm drains, and

waterways.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Emergency showers and eye wash stations

should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When sing do not

eat, drink, or smoke.

Storage: Keep away from oxidizers, heat, or flame. Store in steel container. Do not store

near acids. Keep containers tightly closed in dry, cool, and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits (ppm):

INGREDIENTS	OSHA TWA STEL	ACGIH TWA STEL	OTHER
868765-93-9	NE NE	NE NE	
002579-20-6	NE NE	NE NE	
000100-51-6	NE NE	NE NE	
025154-52-3	NE NE	NE NE	

Legend: (M) Max. Exposed Limit; (S) Occupational Exp. Limit; (R) Suppliers Rec. Limit, (+) Percutaneous Risk Note1: Values meaningful only when hardened product is abraded, grounded, etc

Engineering Controls: No specific controls needed. General and local exhaust recommended.

Respiratory Protection: None required in adequately ventilated areas. If vapor concentration exceeds

20ppm for longer than 15 minutes, a NIOSH approved respirator for organic

vapors is recommended.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION Continued

Protective Gloves: Nitrile Rubber.

Eye Protection: Splash-proof goggles or chemical safety glasses.

Other Protective Equipment: Long sleeved shirts and trousers. Emergency showers and eye wash stations

should be readily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:LiquidAppearance:AmberColor:Amber

Odor: Ammoniacal

Odor threshold: ND

pH: NE (Alkaline)

Melting point 0°C (32° F)

Boiling point/boiling range 260°C (500°F)

Evaporation rate ND (Butyl Acetate=1)

Vapor pressure ND

Vapor densityND (Air = 1)Specific gravity0.95 - 1.05

% Solids by weight 100%Solubility in water <1%% Volatiles by volume 0%

Coefficient of water

/oil distribution ND

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid elevated temperatures

Incompatibility

(Material to Avoid): Oxidizing agents (Perchlorates, nitrates), acids

Decomposition Products: None known

Hazardous Polymerization

(Reactivity): Will not occur



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11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eye contact, skin contact inhalation, ingestion.

Eyes:

Acute: Severe irritant. May cause burns. Vapor may cause lacrimation and reversible

corneal edema.

Chronic: Conjunctivitis or corneal damage.

Skin Contact:

Acute: Undiluted product quickly causes irritation. May cause chemical burns.

Chronic: May cause allergic reaction/sensitization, defatting of skin, rash and irritation.

Skin Absorption:

Acute: ND Chronic: ND

Inhalation:

Acute: Vapors may cause damage to contacted tissue and produce scarring.

Chronic: Repeated and/or prolonged exposure can cause tightness of chest, shortness

of breath and cough.

Acute Toxicity: No data on the product itself.

Acute Oral Toxicity: COMPONENTS

COMPONENTS		
1,3 Cyclohexanamine	LD50: 700mg/kg	Species: Rat
Benzyl Alcohol	LD50: 1230mg/kg	Species: Rat
Nonylphenol	LD50: 1604mg/kg	Species: Rat

Acute Dermal Toxicity:

COMPONENTS		
1,3 Cyclohexanamine	LD50: 1700mg/kg	Species: Rabbit
Benzyl Alcohol	LD50: 2000mg/kg	Species: Rabbit
Nonylphenol	LD50: 2031mg/kg	Species: Rat

Acute Inhalation Toxicity:

COMPONENTS		
1,3 Cyclohexanamine	ND	-
Benzyl Alcohol	LC50 (4HR): >4.178mg/l OECD Test Guideline 403	Species: Rat
Nonylphenol	ND	-



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11. TOXICOLOGICAL INFORMATION Continued

Skin Corrosion/Irritation: Severe Eye Irritation

Serious Eye

Damage/Eye Irritation: May cause eye irritation. Corneal injury is unlikely.

Sensitization: For similar material(s): Has caused allergic skin reactions in humans. Has

Demonstrated the potential for contact allergy in mice.

For respiratory sensitization: Not classified but possible due to skin sensitization effect.

Specific Target Organ Systemic

Toxicity (Single Exposure): ND

Specific Target Organ Systemic

Toxicity (Repeated Exposure): ND

Carcinogenic Data:

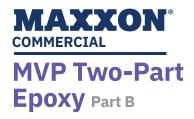
NTP: None
OSHA: None
IARC: None
Teratogenicity: No
Mutagenicity: No
Embryotoxicity: No
Synergistic Material: No

12. ECOLOGICAL INFORMATION

Acute Toxicity: No data on the product itself

Acute Toxicity to Fish:

COMPONENTS		
1,3 Cyclohexanamine	LD50 (96 HRS): 130mg/l	Species: Golden Orfe
Benzyl Alcohol	LD50 (96 HRS): 460mg/l	Species: Fathead Minnow
Nonylphenol	LD50 (96 HRS): 0.14mg/l	Species: Pimephales Promelas



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12. ECOLOGICAL INFORMATION Continued

Acute Toxicity to Aquatic Invertebrates:

COMPONENTS		
1,3 Cyclohexanamine	EC50 (72 HRS): 33.1 mg/l	Species: Daphnia Magna
Benzyl Alcohol	EC50 (72 HRS): 12 mg/l	Species: Daphnia Magna
Nonylphenol	EC50 (48 HRS): 0.035 mg/l	Species: Daphnia Magna

Acute Toxicity to Algae/Aquatic Plants:

COMPONENTS		
1,3 Cyclohexanamine	EC50 (72 HRS): 56.7 mg/l	Species: Fresh Water Algae
Benzyl Alcohol	EC50 (72 HRS): 700 mg/l	Species: Fresh Water Algae
Nonylphenol	LC50 (72 HRS): 0.056 mg/l	Species: Fresh Water Algae

Toxicity to Bacteria:

COMPONENTS		
1,3 Cyclohexanamine	EC50: > 1000mg/l	Activated Sludge
Benzyl Alcohol	ND	Species: Fresh Water Algae
Nonylphenol	EC50: > 950mg/l	Activated Sludge

Chronic Toxicity to Aquatic Invertebrates:

Long lasting adverse effects to aquatic organisms.

Persistence and Degradability

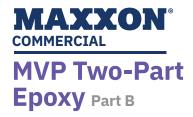
Biodegradability: Based on stringent OECD test guidelines, this material cannot be considered

readily biodegradable: However, these results do not necessarily mean that the

material is not biodegradable under environmental conditions.

Biodegradation: 29% **Exposure Time:** 28 Days

Method: OECD test guideline 301B or equivalent



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12. ECOLOGICAL INFORMATION Continued

Bioaccumulation Potential

Bioconcentration potential is moderate (BCF between 100 and 3000 or log

Pow between 3 and 5).

Partition Coefficient: N-Octanol/Water (Log Pow): 3.16 @21.5°C estimated.

Mobility in Soil: Product is soluble in water.

Partition Coefficient (Koc): 1.473 estimated

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Incineration is preferred. This product should be not be allowed to enter drains,

water courses, or the soil. Place in an appropriate disposal facility in compliance

with all federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Amines, Liquid, Corrosive, N.O.S. (1,3-Cyclohexanedimethanamine)

Hazard Class: 8

UN Number: UN 2735

Packaging Group: III

IMO Shipping Data: UN2735, amines, liquid, corrosive, N.O.S. (1,3-Cyclohexanedimethanamine),

8,PG III

ICAO/IATA Shipping Data: UN2735, amines, liquid, corrosive, N.O.S.

(1,3-Cyclohexanedimethanamine), 8 PG III

Additional Information: None

15. REGULATORY INFORMATION

VOC Component: 0 grams/Liter

As Applied: 0 grams/Liter (Part of Multi-Component System).

TACA (Toxic Substance

Control Act): All components are listed in the TSCA chemical substance inventory.

CERCLA (Comprehensive Response Compensation and

Liability Act): ND

Sara Title III

Section 312 Hazard Class: Immediate (Acute) health hazard, delayed (chronic) health hazard.

Section 313 Listed Ingredients: None

California Proposition 65: The below listed of compounds is known to the state of California to cause

cancer, birth defects or other reproductive harm: None.



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16. OTHER INFORMATION

HMIS

Health hazards 2
Flammability 1
Reactivity 1

Product List: Maxxon Commercial MVP Two-Part Epoxy Part B

Issue Date: October 2020

Version: 02

Revision Date: December 2021 **Prepared by:** Maxxon Corporation

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.