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.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS#</th>
<th>PERCENT/WT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenalkamine</td>
<td>868765-93-9</td>
<td>10-30%</td>
</tr>
<tr>
<td>1,3-Cyclohexanidemethanamine</td>
<td>002579-20-6</td>
<td>10-30%</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>000100-51-6</td>
<td>10-30%</td>
</tr>
<tr>
<td>Epoxy Polyamine Adduct</td>
<td>Not Available</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

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.
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):

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>OSHA TWA</th>
<th>OSHA STEL</th>
<th>ACGIH TWA</th>
<th>ACGIH STEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>868765-93-9</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>002579-20-6</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>000100-51-6</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>025154-52-3</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td></td>
</tr>
</tbody>
</table>

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.
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: Liquid
   Appearance: Amber
   Color: 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 density: ND (Air = 1)
   Specific gravity: 0.95 – 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
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:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>LD50:</th>
<th>Species:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3 Cyclohexanamine</td>
<td>700mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>1230mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>1604mg/kg</td>
<td>Rat</td>
</tr>
</tbody>
</table>

### Acute Dermal Toxicity:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>LD50:</th>
<th>Species:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3 Cyclohexanamine</td>
<td>1700mg/kg</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>2000mg/kg</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>2031mg/kg</td>
<td>Rat</td>
</tr>
</tbody>
</table>

### Acute Inhalation Toxicity:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>LC50 (4HR):</th>
<th>Species:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3 Cyclohexanamine</td>
<td>&gt;4.178mg/l</td>
<td>Rat</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>OECD Test Guideline 403</td>
<td>Rat</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>ND</td>
<td>-</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>NTP:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA:</td>
<td>None</td>
</tr>
<tr>
<td>IARC:</td>
<td>None</td>
</tr>
<tr>
<td>Teratogenicity:</td>
<td>No</td>
</tr>
<tr>
<td>Mutagenicity:</td>
<td>No</td>
</tr>
<tr>
<td>Embryotoxicity:</td>
<td>No</td>
</tr>
<tr>
<td>Synergistic Material:</td>
<td>No</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Acute Toxicity: No data on the product itself

Acute Toxicity to Fish:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>LD50 (96 HRS)</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3 Cyclohexanamine</td>
<td>130mg/l</td>
<td>Golden Orfe</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>460mg/l</td>
<td>Fathead Minnow</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>0.14mg/l</td>
<td>Pimephales Promelas</td>
</tr>
</tbody>
</table>
## 12. ECOLOGICAL INFORMATION

### Acute Toxicity to Aquatic Invertebrates:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>EC50 (72 HRS)</th>
<th>Species:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3 Cyclohexanamine</td>
<td>33.1 mg/l</td>
<td>Daphnia Magna</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>12 mg/l</td>
<td>Daphnia Magna</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>0.035 mg/l</td>
<td>Daphnia Magna</td>
</tr>
</tbody>
</table>

### Acute Toxicity to Algae/Aquatic Plants:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>EC50 (72 HRS)</th>
<th>Species:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3 Cyclohexanamine</td>
<td>56.7 mg/l</td>
<td>Fresh Water Algae</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>700 mg/l</td>
<td>Fresh Water Algae</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>0.056 mg/l</td>
<td>Fresh Water Algae</td>
</tr>
</tbody>
</table>

### Toxicity to Bacteria:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>EC50: &gt; 1000mg/l</th>
<th>Activated Sludge:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3 Cyclohexanamine</td>
<td></td>
<td>Activated Sludge:</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>ND</td>
<td>Activated Sludge:</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td></td>
<td>Activated Sludge:</td>
</tr>
</tbody>
</table>

### 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
12. ECOLOGICAL INFORMATION  Continued

Bioaccumulation Potential

Bioaccumulation:          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 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-Cyclohexanediethanamine)
Hazard Class:             8
UN Number:               UN 2735
Packaging Group:         III
IMO Shipping Data:       UN2735, amines, liquid, corrosive, N.O.S. (1,3-Cyclohexanediethanamine), 8, PG III
ICAO/IATA Shipping Data: UN2735, amines, liquid, corrosive, N.O.S. (1,3-Cyclohexanediethanamine), 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.
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.