

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Storm Breaker™ Two Component Urethane Mastic Part B

**Product Code:** F0251-23052-B

### Intended Use of the Product

Aliphatic Polyurea Activator. For professional use only.

### Name, Address, and Telephone of the Responsible Party

#### Manufacturer

BITEC, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

F-501-354-3019

www.bitec.com

### Emergency Telephone Number

**Emergency Number:** 1-800-535-8597

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### Classification (GHS-US)

Acute Tox. Oral 4	H302
Acute Tox. Dermal 4	H312
Skin Corrosion 1C	H314
Skin Sensitizer 1A	H317
Eye Damage 2A	H319
STOT RE 2	H373
Aqua. Acute 1	H400
Aqua. Chronic 1	H410

### Label Elements

#### GHS-US Labeling

#### Hazard Pictograms (GHS-US)



#### Signal Word (GHS-US)

: Danger

#### Hazard Statements (GHS-US)

: H302 - Harmful if swallowed  
H312-Harmful in contact with skin  
H314 – Causes severe skin burns and eye damage  
H317 – May cause an allergic skin reaction  
H319 – Causes serious eye irritation  
H373-May cause damage to organs through prolonged or repeated exposure if conclusively proven that no other route applies  
H400-Very toxic to aquatic life  
H410-Very toxic to aquatic life with long lasting effects

#### Precautionary Statements (GHS-US)

: P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P273 - Avoid release to the environment.  
P280 - Wear eye protection, face protection, protective clothing, protective gloves  
IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.

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

Call a POISON CENTER or doctor/physician if you feel unwell.

Get medical advice/attention if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Collect spillage.

Dispose of contents/container according to local, regional, national, and international regulations

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

#### Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Diethyl Methyl Benzene Diamine	(CAS No) 68479-98-1	10-20	Acute Tox. 4 (Oral), H302 Acute Tox. Dermal 4, H312 Eye Damage 2A, H319 STOT RE 2, H373 Aqua. Acute 1, H400 Aqz. Chronic 1, H410
Aldimine	(CAS No) 54914-37-3	25-35	Flam Liq 4 Skin Corrosion 1A Eye Damage 1A Skin Sensitizer 1
Tris(2-chloro-1-methylethyl) phosphate	13674-84-5	50-60	Acute Tox. 4 (Oral), H302

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**Skin Contact:** Dry skin with paper towel or similar. Wash affected skin thoroughly with soap and water. Immediately remove contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if any discomfort continues.

**Eye Contact:** Immediately flush with copious amounts of lukewarm water for at least 15 minutes. Have eyes examined and treated by medical personnel.

**Ingestion:** If swallowed, give 1 to 2 glasses of water to drink and contact a physician immediately. Do not induce vomiting. Decision to induce vomiting should only be made by a physician. Never give anything by mouth to an unconscious person.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** CO2, foam or dry chemicals.

#### Special Hazards Arising From the Substance or Mixture

Vapors may be ignited by heat or sparks. Heat-exposed containers may burst. Material may collect static charges which can cause an incendiary electrical discharge. Empty container contains product residues. Do not pressurize, cut, weld, drill, grind or expose containers to heat flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death.

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### **Advice for Firefighters**

Use water spray only to cool containers. Wear NIOSH/OSHA approved, self-contained breathing apparatus and full protective gear.

### **Hazardous Combustion By-Products**

CO, CO<sub>2</sub>, Nox, HCN, unburned hydrocarbons.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**General Measures:** Immediately evacuate all non-essential personnel to safe places. Emergency responders should wear proper protective gear before entering the affected area. Observe all precautions noted above.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

### **Environmental Precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### **Methods and Material for Containment and Cleaning Up**

Remove all sources of ignition. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Prevent liquids from entering sewers, drains or waterways by diking with sand or earth. Absorb with vermiculite or other absorbent material, then flush area with soap and water. Put all waste in open drums.

### **Reference to Other Sections**

See Heading 8. Exposure controls and personal protection.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Eliminate all ignition sources such as fire, flames, sparks, ect. Provide good ventilation. Avoid prolonged contact with the skin. Use solvent resistant gloves. Avoid rubbing eyes while handling.

### **Conditions for Safe Storage, Including Any Incompatibilities**

Store in cool, dry, ventilated space away from direct sunlight. Keep away from heat, sparks, and any open source of flames. Store at 10-30° C.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

Component	CAS No.	Exposure Limit
Diethyl Methyl Benzene Diamine	68479-98-1	NA
Aldimine	54914-37-3	NA
Tris(2-chloro-1-methylethyl) phosphate	13674-84-5	NA

### **Exposure Controls**

**Appropriate Engineering Controls:** Provide local exhaust or area ventilation to maintain concentration of vapors below TLV

Use explosion proof ventilation equipment. When used with the base resin or other coatings, take care not to draw vapors into occupied office areas or areas with inhabitants.

**Personal Protective Equipment:** Protective goggles. Gloves. Protective clothing.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

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**Skin and Body Protection:** Use solvent resistant gloves.

**Respiratory Protection:** When using spray application, use MSHA/NIOSH approved positive pressure supplied air respirator with a full-face piece during application. After application use CCR (Chemical Cartridge Respirator).

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Thin liquid
Appearance	: Clear or pigmented liquid
Odor	: Amine odor
pH	: Not available
Boiling Point	: Greater than 200° C @ 53mm Hg
Flash Point	: > 365 F
Vapor Pressure	: NA
Relative Vapor Density at 20 °C	: > air
Relative Density	: Not available
Solubility in Water	: Negligible
Specific Gravity	: Not available
VOC	: Not available

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions. Avoid heat, sparks, flames.

**Conditions to Avoid:** Avoid contact with strong oxidizing materials and bases. Avoid contact with water.

**Incompatible Materials:** Strong oxidizers. Alkali metals, Strong acids, Reacts with water.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects – Product

**Primary Eye Irritation:** Irritating

**Primary Skin Irritation:** Irritating

**Acute Dermal Toxicity:**

TCPP - LD50 Dermal - Rabbit - > 2,000 mg/kg

**Subacute Dermal Toxicity:** NA

**Dermal Sensitization:** NA

**Inhalation Toxicity:**

TCPP - LC50 Inhalation - Rat - male and female - 4 h - > 7 mg/l

**Inhalation Sensitization:** NA

**Oral Toxicity:**

TCPP - LD50 Oral - Rat - male and female - 1,101 mg/kg (OECD Test Guideline 401)

**Carcinogenicity:** No

**Reproductive Toxicity:** NA

**Teratogenicity:** NA

**Immunotoxicity:** NA

**Neurotoxicity:** NA

**Other:** NA

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Aquatic Toxicity:**

TCPP

Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 51 mg/l - 96 h
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Toxicity to daphnia and other aquatic invertebrates	Immobilization EC50 - Daphnia magna (Water flea) - 131 mg/l - 48 h (OECD Test Guideline 202)
Toxicity to algae	Growth inhibition EC50 - Pseudokirchneriella subcapitata (green algae) - 33 mg/l - 72 h (OECD Test Guideline 201)
Toxicity to bacteria	EC50 - Sludge Treatment - 784 mg/l - 3 h (ISO 8192)
Toxicity to daphnia and other aquatic invertebrates(Chronic toxicity)	NOEC - Daphnia magna (Water flea) - 32 mg/l - 21 d (OECD Test Guideline 211)

### Persistence and degradability

TCPP - Biodegradability aerobic - Exposure time >= 28 d Result: 14 % - Not readily biodegradable. (OECD Test Guideline 301C)

No other ecological information available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Additional Information:** Mix the chemical with an inert material such as sand, vermiculite, etc. and place in a suitable container. Dispose of in accordance with Local Authority requirements.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

**DOT Proper Shipping Name:** UN 1760, Corrosive Liquid, N.O.S. (Contains Amine), Class 8, PG III

**IATA Proper Shipping Name:** UN 1760, Corrosive Liquid, N.O.S. (Contains Amine), Class 8, PG III

**IMO Proper Shipping Name:** UN 1760, Corrosive Liquid, N.O.S. (Contains Amine), Class 8, PG III

**IMDG Proper Shipping Name:** UN 1760, Corrosive Liquid, N.O.S. (Contains Amine), Class 8, PG III

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

<b>SARA Section 311/312 Hazard Classes</b>	Delayed (chronic) health hazard Immediate (acute) health hazard Fire Pressure Reactive
<b>SARA Section 313</b>	None

### US State Regulations

**Vermont Chemicals of High Concern** Tris(2-chloro-1-methylethyl) phosphate

**Washington Chemicals of High Concern** Tris(2-chloro-1-methylethyl) phosphate 13674-84-5 13674-84-5

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date** : 08/22/2025

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Party Responsible for the Preparation of This Document

BITEC, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*

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