

# SAFETY DATA SHEET



Issue Date: July 11, 2017

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Version: 2017

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Safe-Cure & Seal EPX Part B

**Other Means of Identification**

**SDS #:** F5000 B

**Recommended Use:** Curing, Sealing, Priming, Coating

**Restrictions on Use:** No Data

**Supplier of the Safety Data Sheet including Address:**

ChemMasters Inc.  
300 Edwards Street  
Madison, OH 44057

**Telephone Numbers**

**Company Phone Number**

Phone: 800-486-7866, 440-428-2105

Fax: 440-428-7091

**Emergency Telephone:** ChemTrec 800-424-9300

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**

**OSHA Hazards:**

**Causes serious eye irritation, causes skin irritation, may cause allergic skin reaction, may cause respiratory tract irritation.**

**GHS Classification:**

**Eye damage/eye irritation – Category 2A**

**Skin Corrosion/irritation – Category 2**

**Sensitization, Skin – Category 1B**

**Specific Target Organ Toxicity (Single Exposure) - Category 3**

**Label Elements, including precautionary statements**

**Pictograms:**



**Signal Word: Warning**

**Hazard Statements:**

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.

**Precautionary Statement(s)**

**Prevention:**

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands and skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P284 In case of inadequate ventilation wear respiratory protection.

**Response:**

- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice or attention.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice or attention.
- P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- P362+P364 Take off contaminated clothing and wash it before reuse.

**Storage:**

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up

**Disposal:**

- P501 Dispose of contents/container in accordance with local/regional/national regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Component**

Water	CAS#: 7732-18-5	85-90%
Modified Polyamidoamine adduct	Proprietary	10-15%
Formaldehyde	CAS#: 50-00-0	<0.30%

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**First Aid Measures**

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If not breathing, give artificial respiration.

Consult a physician.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Ingestion:** Not expected to be harmful under normal conditions of use. IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water Call a POISON CENTER/doctor if you feel unwell.

**Skin Contact:** Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice or attention.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

### **Specific Hazards Arising from the Chemical**

No specific data available.

### **Hazardous Combustion Products**

No specific data available.

### **Protective Equipment and Precautions for Firefighters**

Wear self-contained breathing apparatus and full protective gear for firefighting.

### **Further Information**

See Section 7 for safe handling and storage.

## 6. ACCIDENTAL RELEASE MEASURES

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

In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

### **Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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

Dike and contain spill with inert absorbent materials. Soak up with inert material and keep in suitable, closed containers for disposal. Dispose of in accordance with specified local/regional/national/international regulations for disposal.

## 7. HANDLING AND STORAGE

### **Precautions for Safe Handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

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

**General information:** Store in cool place. Keep container tightly closed in a dry and well ventilated place. Keep away from heat (<95 degrees F/<35 degrees C). Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Safe Storage:** No Additional Data

**Incompatibilities:** None known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Component Exposure Limits

Formaldehyde 0.37 mg/m<sup>3</sup> (0.3 ppm) ACGIH TLV Ceiling

#### Appropriate Engineering Controls

Local Ventilation: Recommended

General Ventilation: Recommended

#### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection:** Use proper protection – Safety Glasses as a minimum

**Skin and Body Protection:** Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

**Respiratory Protection:** Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

#### Physical State

**Appearance:** Liquid

**Color:** Light Yellow

**Odor:** Mild Ammonia

**Odor threshold:** No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	Not Available	
Melting/Freezing Point	Not Relevant	
Solubility	Not Available	
Evaporation Rate	Not Available	
Flash Point	≥201 Degrees F (>94 Degrees C)	Closed Cup
Flammability Limits	Not Relevant	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Not Available	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	1.01	Density: 8.4 lb./gal. +/- 0.1

## 10. STABILITY AND REACTIVITY

### **Chemical Stability:**

Stable

### **Possibility of Hazardous Reactions:**

No Data Available.

### **Conditions to Avoid:**

Store away from heat.

### **Incompatible Materials:**

Avoid Strong Oxidizing Agents.

### **Hazardous Decomposition Products**

Nitrogen Oxides, Carbon monoxide and other organic compounds.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Inhalation, Skin Contact, Eye Contact

### **Symptoms of Exposure:**

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.

### **Numerical measures of toxicity:**

Ingredient: Formaldehyde

Acute Toxicity – Oral LD50 800 mg/Kg Rat  
LD50 42 mg/Kg Mouse

Acute Toxicity – Dermal LD50 270 mg/Kg Rabbit

Acute Toxicity – Inhalation LC50 0.505 mg/l/2 hr. Mouse  
LC50 0.578 mg/l/2 hr. Rat

### **Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure**

**Carcinogenicity: IARC, ACGIH, NTP, OSHA**

Ingredient: Formaldehyde

ACGIH: Suspected Carcinogen

IARC: IARC Group 1, carcinogenic to humans

NTP: NTP reasonably anticipated to be carcinogenic

OSHA: OSHA cancer potential

**Specific target organ toxicity:** Single exposure – Category 3, Respiratory System,  
May cause respiratory irritation.

**Chronic Effects:** Some reports suggest that formaldehyde may cause respiratory sensitization, such as asthma, and that preexisting respiratory and skin disorders may be aggravated by exposure.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity:** No Known significant effects or critical hazards.

Aquatic Eco-Toxicity Ingredient: Formaldehyde  
Fresh Water Acute LC50 24.1 mg/l/4 days Flathead minnow  
Fresh Water Acute LC50 40 mg/l/4 days Bluegill  
Fresh Water Acute LC50 40 mg/l/4 days Rainbow trout, Donaldson trout

**Persistence and Degradability:** No Data Available

**Bioaccumulation:** No Data Available

**Mobility:** No Data Available

**Other Adverse Effects:** No Known significant effects or critical hazards.

## 13. DISPOSAL CONSIDERATIONS

### **Waste Treatment Methods**

**Disposal of Wastes:** This product is a not a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

**Contaminated Packaging:** Dispose of as unused material.

## 14. TRANSPORT INFORMATION

**DOT:** Not Regulated

**IMDG:** Not Regulated

**IATA:** Not Regulated

## 15. REGULATORY INFORMATION

### **International Inventories**

**TSCA:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### **US Federal Regulations**

**SARA 302:** None Known

**SARA 311/312 Hazard Categories:** Acute Health Hazard, Delayed (Chronic) Health Hazard

**SARA 313 Hazard Categories:** Formaldehyde CAS#: 50-00-0, 0.21%

**CWA (Clean Water Act):** None Known

### **Supplemental State Compliance Information**

California:

Warning: This product contains a chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

Formaldehyde CAS#: 50-00-0

New Jersey Right To Know:

CAS Number	Component Name
50-00-0	Formaldehyde

Pennsylvania Right To Know:

CAS Number	Component Name
50-00-0	Formaldehyde

**U.S. EPA Label Information:** No Data

## 16. OTHER INFORMATION

**HMIS Classification:**

Health hazard:	2
Flammability:	0
Physical Hazards:	0

**NFPA Rating:**

Health hazard:	2
Fire:	0
Reactivity Hazard:	0

**Issuance Date: July 11, 2017**

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**Revision Note: Reviewed and Updated**

**Date of Previous Version: July 11, 2014**

**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 guide 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.

**End of Safety Data Sheet**