

SAFETY DATA SHEET



Issue Date: June 5, 2017

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Version: 2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polyweld EPX-^{Cl} Part A

Other Means of Identification

SDS #: F3475 A

Recommended Use: Bonding agent for repairs to concrete and steel

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.

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.

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/m³ (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:

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

D.O.T.: Not Regulated

I.M.D.G.: Not Regulated

I.A.T.A.: 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

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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