



EZ-100 (MVB) FAST CURE - EPOXY - PART A

SECTION I: IDENTIFICATION

EZCHEM, Inc.
92 Don Westbrook Ave. N.
Jasper, GA 30143

Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 706-253-5055

Product Name: EZ-100 - MVB FC - Part A
Product Use: Epoxy Resin

SECTION II: HAZARD IDENTIFICATION

Signal Word:
WARNING
Hazard Classification:

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

Hazard Pictograms:



Hazard Statements:

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection / face protection
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

· 3.2 Chemical characterisation: Mixtures

· Description:

Epoxy resin formulation with a bisphenol-A liquid resin base
and bisphenol-F liquid resin

· Dangerous components:

CAS: 1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	50-100%
EINECS: 216-823-5	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
Index number: 603-073-00-2		
Reg.nr.: 01-2119456619-26-xxxx		
CAS: 9003-36-5	Bisphenol F- Epoxyresin	10-25%
NLP: 500-006-8	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	
Reg.nr.: 01-2119454392-40-xxxx		
CAS: 68609-97-2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs	10-25%
EINECS: 271-846-8	Skin Irrit. 2, H315; Skin Sens. 1, H317	
Index number: 603-103-00-4		
Reg.nr.: 01-2119485289-22-xxxx		



SECTION IV – FIRST AID MEASURES

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation**
Take affected persons into the open air and position comfortably
Seek medical treatment in case of complaints.
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Seek immediate medical advice.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Information for doctor** No particular measures are known - treat according to symptoms.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION V – FIRE AND EXPLOSION HAZARD DATA

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections** Clean the accident area carefully.



Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard (HCS), 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

· 7.1 Precautions for safe handling

The usual precautionary measures for handling chemicals must be observed.
Ensure good ventilation/exhaustion at the workplace.

· **Information about protection against explosions and fires:** No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage

· Requirements to be met by storerooms and containers:

Store only in the original container.
Keep containers securely closed and dry, store frost-free.
Provide floor trough without outlet.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:** Keep container tightly sealed.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: NE

Appropriate Engineering Controls: Good General ventilation.

Personal Protective Equipment:



Hand: Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

PVC gloves

Eye: **Tightly Sealed** Safety Glasses

Skin and Body: Protective Work Clothing

Respiratory: Combination filter A-P2

Additional Information: None.



SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Light yellowish liquid Odor: Mild Epoxy
pH-value:	NA
Boiling Point/Boiling Range:	200 °C
Freezing Point:	NA
Flash Point:	150 °C
Vapor Pressure:	NA
Vapor Density:	NA
Viscosity:	950mPas (ISO3219)
Solubility:	Not miscible or difficult to mix
Specific Gravity	NA

SECTION X – REACTIVITY DATA

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Reacts with strong oxidizing agents, alkali, amines and acids

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: strong oxidizing agents

10.6 Hazardous decomposition products: none, if stored and handled correctly.

In the event of fire: toxic gases and vapours

SECTION XI – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane

Oral LD50 15,000 mg/kg (rat)

Dermal LD50 23,000 mg/kg (rab)

9003-36-5 Bisphenol F- Epoxyresin

Oral LD50 >2,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rat)

68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs

Oral LD50 >5,000 mg/kg (rat)

Dermal LD50 >4,500 mg/kg (rab)



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SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: Not determined. Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Persistence and Degradability: No further relevant information available.

Behavior in Environmental Systems: No further relevant information available

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: Danger to drinking water if even small quantities leak into soil.

Other Adverse Effects: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water bodies or sewage system.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: For disposal, local regulations issued by the authorities must be observed.

Dispose of liquid components at a suitable incineration plant. After curing, the product can be disposed of with household waste.

SECTION XIV – TRANSPORT INFORMATION

UN-Number: 3082

UN Proper Shipping Name: 3082 Environmentally hazardous substance, liquid, N.O.S (epoxy resin)

Transport Hazard Class: 9

Packing Group: III

Environmental Hazards: Marine Pollutant

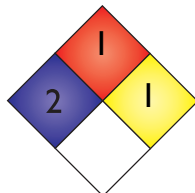
Additional Information: Limited Quantity - 5L

Special Precautions for User:



SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 1
Fire: 2
Reactivity: 1



WARNING: Cancer
– www.P65Warnings.ca.gov.

SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2019

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. End of SDS.