

# Safety Data Sheet

Issue Date: 04-Dec-2015

Revision Date: 07-Dec-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** CXE-225 FC, Part B

### Other means of identification

**SDS #** RRI-030

**UN/ID No** UN2735

### Recommended use of the chemical and restrictions on use

**Recommended Use** Epoxy Flooring/Coating Systems.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Corvixx Polymers Corporation  
7070 Lyndon Avenue  
Rosemont, IL 60018

### Emergency Telephone Number

**Company Phone Number** 1-855-827-8500  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Physical State** Liquid

### Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Vapors)	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Reproductive toxicity	Category 2

### Signal Word

**Danger**

### Hazard Statements

Harmful if swallowed  
Harmful in contact with skin  
Harmful if inhaled  
Causes severe skin burns and eye damage  
May cause an allergic skin reaction  
Suspected of damaging fertility or the unborn child

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Contaminated work clothing must not be allowed out of the workplace  
Wear protective gloves

**Precautionary Statements - Response**

Immediately call a poison center or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a poison center or doctor/physician  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
If skin irritation or rash occurs: Get medical advice/attention  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a poison center or doctor/physician if you feel unwell  
Immediately call a poison center or doctor/physician  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Rinse mouth  
Do not induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

**Unknown Acute Toxicity**

16.5% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Proprietary Alcohol	Proprietary	20-50
Proprietary Amine 1	Proprietary	10-25
Proprietary Amine 2	Proprietary	10-25
Proprietary Curing Agent	Proprietary	1-10
Proprietary Amine 3	Proprietary	5-25

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
<b>Skin Contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
<b>Ingestion</b>	IF SWALLOWED: call a poison control center or physician immediately. Rinse mouth. Do not induce vomiting.

#### Most important symptoms and effects

<b>Symptoms</b>	Causes severe skin burns and eye damage. Harmful in contact with skin. Harmful if inhaled. Harmful if swallowed. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Corrosive material.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Use personal protective equipment as required. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.
- Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

### Methods and material for containment and cleaning up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

### Conditions for safe storage, including any incompatibilities

- Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.
- Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary Amine 1	Ceiling: 0.1 mg/m <sup>3</sup>	Ceiling: 0.1 mg/m <sup>3</sup>	Ceiling: 0.1 mg/m <sup>3</sup>

### Appropriate engineering controls

- Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations.

### Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Full face shield with goggles underneath. Refer to 29 CFR 1910.133 for eye and face protection regulations.
- Skin and Body Protection** Impervious chemical resistant gloves. Impervious protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
- Respiratory Protection** Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Not determined
<b>Appearance</b>	Not determined	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid- Not Applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not determined	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

See Sec. 7 Handling & Storage.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Causes severe eye damage.
<b>Skin Contact</b>	Harmful in contact with skin. Causes severe skin burns.
<b>Inhalation</b>	Harmful if inhaled.
<b>Ingestion</b>	Harmful if swallowed.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary Alcohol	= 1230 mg/kg ( Rat )	= 2 g/kg ( Rabbit )	= 8.8 mg/L ( Rat ) 4 h
Proprietary Amine 1	= 660 mg/kg ( Rat )	= 2 g/kg ( Rabbit )	= 700 ppm ( Rat ) 1 h
Proprietary Amine 2	= 1030 mg/kg ( Rat )	-	-
Proprietary Curing Agent	= 2990 mg/kg ( Rat )	= 2318 mg/kg ( Rabbit )	-
Proprietary Amine 3	= 2500 mg/kg ( Rat )	= 550 mg/kg ( Rabbit )	-

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	May cause an allergic skin reaction.
<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity</b>	May damage fertility or the unborn child.

### Numerical measures of toxicity

Not determined

**Unknown Acute Toxicity** 16.5% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

### Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Proprietary Alcohol	35: 3 h <i>Anabaena variabilis</i> mg/L EC50	460: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10: 96 h <i>Lepomis macrochirus</i> mg/L LC50	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	23: 48 h water flea mg/L EC50

		static	
Proprietary Amine 2	37: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	110: 96 h <i>Leuciscus idus</i> mg/L LC50 semi-static	14.6 - 21.5: 48 h <i>Daphnia magna</i> mg/L EC50 semi-static 42: 24 h <i>Daphnia magna</i> mg/L EC50
Proprietary Curing Agent	11.2: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	4.71 - 5.62: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 6.9: 96 h <i>Cyprinus carpio</i> mg/L LC50 static	3.9: 48 h <i>Daphnia magna</i> mg/L EC50 3.4 - 4.5: 48 h <i>Daphnia magna</i> mg/L EC50 Static
Proprietary Amine 3	2.5: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 20: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.7: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	570: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 495: 96 h <i>Pimephales promelas</i> mg/L LC50	31.1: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Proprietary Alcohol	1.1
Proprietary Amine 2	0.79
Proprietary Curing Agent	2.44
Proprietary Amine 3	-1.4

**Other Adverse Effects**

Not determined

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. TRANSPORT INFORMATION

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

UN/ID No

UN2735

Proper Shipping Name

Amines, liquid, corrosive, n.o.s. (Isophoronediamine, Triethylenetetramine)

Hazard Class

8

Packing Group

II

**IATA**

<b>UN/ID No</b>	UN2735
<b>Proper Shipping Name</b>	Amines, liquid, corrosive, n.o.s. (Isophoronediamine, Triethylenetetramine)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

**IMDG**

<b>UN/ID No</b>	UN2735
<b>Proper Shipping Name</b>	Amines, liquid, corrosive, n.o.s. (Isophoronediamine, Triethylenetetramine)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary Alcohol	Present	X		Present		Present	X	Present	X	X
Proprietary Amine 1	Present	X		Present		Present	X	Present	X	X
Proprietary Amine 2	Present	X		Present		Present	X	Present	X	X
Proprietary Curing Agent	Present	X		Present		Present	X	Present	X	X
Proprietary Amine 3	Present	X		Present		Present	X	Present	X	X

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Not determined

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

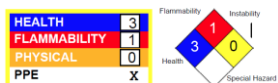
This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**



Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary Alcohol		X	X
Proprietary Amine 1	X	X	X
Proprietary Amine 2	X		
Proprietary Amine 3	X	X	X

## 16. OTHER INFORMATION



**Issue Date:** 04-Dec-2015  
**Revision Date:** 07-Dec-2015  
**Revision Note:** New format

### 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.

**End of Safety Data Sheet**