

# Safety Data Sheet

Issue Date: 01-Jan-2013

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** CXE-401 FC, Part A - High Chemical Resistant Self-Leveling

### 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

**Appearance** Viscous liquid

**Physical State** Liquid

### Classification

|                       |             |
|-----------------------|-------------|
| Acute toxicity - Oral | Category 4  |
| Reproductive toxicity | Category 1B |

### Signal Word

**Danger**

### Hazard Statements

Harmful if swallowed  
May damage 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

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Harmful to aquatic life with long lasting effects

**Unknown Acute Toxicity**

79.8% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name              | CAS No   | Weight-% |
|----------------------------|----------|----------|
| Tetrahydrofurfuryl alcohol | 97-99-4  | <5       |
| Benzyl alcohol             | 100-51-6 | <5       |

\*\*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 immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Skin Contact</b> | IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.  |
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention for further treatment.          |
| <b>Ingestion</b>    | Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician.   |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | May cause eye, skin and respiratory tract irritation. Harmful if swallowed. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water spray (fog). Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable Extinguishing Media** Do not use water jet.

### Specific Hazards Arising from the Chemical

Not determined.

**Hazardous Combustion Products:** Carbon monoxide during a fire. Other unidentified toxic and/or irritating compounds.

### 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. Keep unnecessary people away; isolate hazard area and deny entry.

## 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** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear personal protective equipment. Wash face, hands, and any exposed skin thoroughly after handling. Avoid breathing vapors. Use only with adequate ventilation. Do not eat, drink or smoke when using this product.

### 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. Protect from direct sunlight. Store away from incompatible materials. Keep in properly labeled containers. Store containers upright. Keep separate from food items.

**Packaging Materials** Do not reuse container. Empty containers retain product residue and can be hazardous.

**Incompatible Materials** Strong acids. Strong oxidizing agents. Sodium hydroxide. Aliphatic amines.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

The following information is given as general guidance

**Appropriate engineering controls****Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Wear approved safety goggles where a splash hazard exists.

**Skin and Body Protection**

Butyl rubber or nitrile rubber gloves. Wear suitable protective clothing.

**Respiratory Protection**

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

## 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>     | Viscous liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Not determined |                       |                |

| <b><u>Property</u></b>              | <b><u>Values</u></b>  | <b><u>Remarks • Method</u></b> |
|-------------------------------------|-----------------------|--------------------------------|
| <b>pH</b>                           | Not determined        |                                |
| <b>Melting Point/Freezing Point</b> | Not determined        |                                |
| <b>Boiling Point/Boiling Range</b>  | Not determined        |                                |
| <b>Flash Point</b>                  | >93 °C / >200 °F      |                                |
| <b>Evaporation Rate</b>             | Not determined        |                                |
| <b>Flammability (Solid, Gas)</b>    | Liquid-not applicable |                                |
| <b>Upper Flammability Limits</b>    | Not determined        |                                |
| <b>Lower Flammability Limit</b>     | Not determined        |                                |
| <b>Vapor Pressure</b>               | Not determined        |                                |
| <b>Vapor Density</b>                | Not determined        |                                |
| <b>Specific Gravity</b>             | Not determined        |                                |
| <b>Water Solubility</b>             | Negligible            |                                |
| <b>Solubility in other solvents</b> | Not determined        |                                |
| <b>Partition Coefficient</b>        | Not determined        |                                |
| <b>Auto-ignition Temperature</b>    | Not determined        |                                |
| <b>Decomposition Temperature</b>    | Not determined        |                                |
| <b>Kinematic Viscosity</b>          | Not determined        |                                |
| <b>Dynamic Viscosity</b>            | Not determined        |                                |
| <b>Explosive Properties</b>         | Not determined        |                                |
| <b>Oxidizing Properties</b>         | 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.

**Hazardous Polymerization**

Hazardous polymerization may occur under certain conditions of storage or use. Avoid strong oxidizers such as caustic soda (sodium hydroxide) which can induce vigorous polymerization at temperatures around 390°F

Polymerizes exothermically with amines, mercaptans and Lewis acids at ambient temperature and above. Reacts with considerable heat release with some curing agents. Run-a-way cure reactions may char and decompose the resin system, generating unidentified fumes and vapors, which may be toxic. Heating this material over 300°F in the presence of air may cause slow oxidative decomposition; above 500°F polymerization may occur. Some combinations of resins and curing agents can produce exothermic reactions, which in large masses can cause runaway polymerization and charring of the reactants.

**Conditions to Avoid**

See Sec. 7 Handling & Storage.

**Incompatible Materials**

Strong acids. Strong oxidizing agents. Sodium hydroxide. Aliphatic amines.

**Hazardous Decomposition Products**

Carbon monoxide during a fire. Burning produces irritating and toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

|                     |                                  |
|---------------------|----------------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes.         |
| <b>Skin Contact</b> | Avoid contact with skin.         |
| <b>Inhalation</b>   | Avoid inhalation of vapors/dust. |
| <b>Ingestion</b>    | Harmful if swallowed.            |

**Component Information**

| Chemical Name                                     | Oral LD50             | Dermal LD50                                | Inhalation LC50        |
|---|-----------------------|--|------------------------|
| Nonylphenol Ethoxylate<br>127087-87-0             | = 1310 mg/kg ( Rat )  | -  | -                      |
| (3-Glycidyoxypropyl)trimethoxysilane<br>2530-83-8 | = 22600 µL/kg ( Rat ) | = 3970 µL/kg ( Rabbit )                    | -                      |
| Tetrahydrofurfuryl alcohol<br>97-99-4             | = 1600 mg/kg ( Rat )  | -  | -                      |
| Benzyl alcohol<br>100-51-6                        | = 1230 mg/kg ( Rat )  | = 2 g/kg ( Rabbit )                        | = 8.8 mg/L ( Rat ) 4 h |
| Polyethylene glycol<br>25322-68-3                 | = 28 g/kg ( Rat )     | > 20 mL/kg ( Rabbit ) > 20 g/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** 79.8% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Component Information**

| Chemical Name                         | Algae/aquatic plants                     | Fish   | Toxicity to microorganisms   | Crustacea                        |
|---------------------------------------|--|--|--|----------------------------------|
| Tetrahydrofurfuryl alcohol<br>97-99-4 |  | 3400: 48 h Chaetodonoides<br>mg/L LC50   |  |                                  |
| Benzyl alcohol<br>100-51-6            | 35: 3 h Anabaena variabilis<br>mg/L EC50 | 460: 96 h Pimephales<br>promelas mg/L LC50 static<br>10: 96 h Lepomis<br>macrochirus mg/L LC50<br>static | EC50 = 50 mg/L 5 min<br>EC50 = 63.7 mg/L 15 min<br>EC50 = 63.7 mg/L 5 min<br>EC50 = 71.4 mg/L 30 min | 23: 48 h water flea mg/L<br>EC50 |
| Polyethylene glycol<br>25322-68-3     |  | 5000: 24 h Carassius<br>auratus mg/L LC50  |  |                                  |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name              | Partition Coefficient |
|----------------------------|-----------------------|
| Benzyl alcohol<br>100-51-6 | 1.1                   |

**Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

## 14. TRANSPORT INFORMATION

|                                 |   |
|---------------------------------|---|
| <b>Note</b>                     | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>                      | Not regulated   |
| <b>IATA</b>                     | Not regulated   |
| <b>IMDG</b><br>Marine Pollutant | This material may meet the definition of a marine pollutant   |

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name              | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|----------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Tetrahydrofurfuryl alcohol | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Benzyl alcohol             | 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

#### SARA 311/312 Hazard Categories

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | No  |
| Sudden Release of Pressure Hazard | No  |
| Reactive Hazard                   | Yes |

#### SARA 313

Not determined

### 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 |
|---------------------------------------|------------|---------------|--------------|
| Tetrahydrofurfuryl alcohol<br>97-99-4 |            | X             | X            |
| Benzyl alcohol<br>100-51-6            |            | X             | X            |

**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | Not determined        | Not determined      | Not determined          | Not determined             |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|                    | 2                     | 1                   | 0                       | Not determined             |

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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 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**