

Safety Data Sheet

Issue Date: 01-Aug-2013

Revision Date: 05-Jun-2015

Version 1

1. IDENTIFICATION

Product Identifier

Product Name CXE-202 CB Cove Base, Part B

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
980 Pauly Drive
Elk Grove Village, IL 60007

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 - Inhalation (Vapors) | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
| Skin corrosion/irritation | Category 1 Sub-category C |
| Serious eye damage/eye irritation | Category 1 |
| Germ cell mutagenicity | Category 1B |
| Reproductive toxicity | Category 2 |
| Specific target organ toxicity (repeated exposure) | Category 2 |

Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

Signal Word

Danger

Hazard Statements

Harmful if swallowed
Harmful if inhaled
Causes severe skin burns and eye damage
May cause genetic defects
Suspected of damaging fertility or the unborn child
May cause damage to organs through prolonged or repeated exposure



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

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention
 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: Wash with plenty of soap and water
 Immediately call a poison center or doctor/physician
 Wash contaminated clothing before reuse
 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
 IF SWALLOWED: Call a poison center or doctor/physician
 Rinse mouth

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|----------------------|---------------|-----------------|
| Proprietary Alcohol | Proprietary | >35 |
| Proprietary Hardener | Proprietary | <3 |
| Proprietary Amines | Proprietary | <2 |
| Proprietary Amine | Proprietary | <2 |
| Proprietary Solvent | Proprietary | <1 |
| Proprietary Solvent | Proprietary | <1 |

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

Eye Contact

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.

| | |
|---------------------|---|
| Skin Contact | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician. Wash contaminated clothing before reuse. |
| Inhalation | 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. |
| Ingestion | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. |

Most important symptoms and effects

| | |
|-----------------|---|
| Symptoms | Causes severe skin burns and eye damage. May be harmful in contact with skin. Harmful if inhaled. Harmful if swallowed. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Alcohol resistant foam. Carbon dioxide (CO₂). Dry chemical. Dry sand. Powdered limestone.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Hazardous Combustion Products Nitric acid. Ammonia. Nitrogen oxides (NO_x). Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon monoxide. Carbon dioxide (CO₂). Aldehydes. Flammable hydrocarbon fragments.

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. |

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 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. 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 personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands, and any exposed skin thoroughly after handling.

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. Store away from incompatible materials. Protect from extreme temperatures.

Incompatible Materials

Strong oxidizing agents. Reactive metals (e.g. sodium, calcium, zinc, etc. Materials reactive with hydroxyl compounds. Organic acids (i.e. acetic acid, citric acid, etc.) Mineral acids. Sodium hypochlorite. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.

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. Showers. Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Full face shield with goggles underneath.

Skin and Body Protection

Butyl-rubber. Nitrile rubber. Neoprene gloves. Impervious gloves. PVC disposable gloves. The breakthrough time of the selected glove must be greater than the intended use period. Slicker suit. Impervious clothing. Full rubber suit (rain gear). Rubber or plastic boots.

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

Physical State
Appearance
Color

Liquid
Not determined
Not determined

Odor
Odor Threshold

Not determined
Not determined

Property

pH
Melting Point/Freezing Point
Boiling Point/Boiling Range
Flash Point
Evaporation Rate
Flammability (Solid, Gas)

Values

Not determined
Not determined
207.2 °C / 405 °F
112 °C / 233 °F
Not determined
Liquid- Not Applicable

Remarks • Method

| | |
|-------------------------------------|----------------|
| Upper Flammability Limits | Not determined |
| Lower Flammability Limit | Not determined |
| Vapor Pressure | Not determined |
| Vapor Density | Not determined |
| Specific Gravity | Not determined |
| Water Solubility | <.01 g/l |
| 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

Keep out of reach of children.

Incompatible Materials

Strong oxidizing agents. Reactive metals (e.g. sodium, calcium, zinc, etc. Materials reactive with hydroxyl compounds. Organic acids (i.e. acetic acid, citric acid, etc.) Mineral acids. Sodium hypochlorite. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.

Hazardous Decomposition Products

Nitric acid. Ammonia. Nitrogen oxides (NOx). Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon monoxide. Carbon dioxide (CO₂). Aldehydes. Flammable hydrocarbon fragments.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Eye Contact | Causes severe eye damage. |
| Skin Contact | Causes severe skin burns. May be harmful in contact with skin. |
| Inhalation | Harmful if inhaled. |
| Ingestion | 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 | = 1000 mg/kg (Rat) | - | - |

| | | | |
|------------------------|----------------------|-------------------------|------------------------|
| Proprietary Hardener | = 580 mg/kg (Rat) | = 2031 mg/kg (Rabbit) | - |
| Proprietary Amine | = 910 mg/kg (Rat) | - | - |
| Proprietary Amines | > 2000 mg/kg (Rat) | > 2000 mg/kg (Rat) | - |
| Proprietary Hardener | = 1000 mg/kg (Rat) | = 1280 mg/kg (Rat) | - |
| Proprietary Solvent | > 5000 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | - |
| Proprietary Solvent | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |
| Proprietary Surfactant | = 1310 mg/kg (Rat) | - | - |

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

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity Suspected of damaging fertility or the unborn child.

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Numerical measures of toxicity

Not determined

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 Anabaena variabilis mg/L EC50 | 460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static | 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 |
| Proprietary Amine | | 46 - 100: 96 h Leuciscus idus mg/L LC50 static | | |
| Proprietary Hardener | 0.41: 96 h Pseudokirchneriella subcapitata mg/L EC50 1.3: 72 h Desmodesmus subspicatus mg/L EC50 | 0.135: 96 h Pimephales promelas mg/L LC50 flow-through | | 0.14: 48 h Daphnia magna mg/L EC50 0.17 - 0.21: 48 h Daphnia magna mg/L EC50 Static 0.0874 - 0.124: 48 h Daphnia magna mg/L EC50 semi-static |
| Proprietary Amine | 29.5: 72 h Desmodesmus subspicatus mg/L EC50 | 172: 48 h Leuciscus idus mg/L LC50 static | | 31.5: 24 h Daphnia magna mg/L EC50 |
| Proprietary Amines | 0.0008: 96 h Desmodesmus subspicatus mg/L EC50 | 0.16: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.24: 96 h Brachydanio rerio mg/L LC50 static | | 0.045: 48 h Daphnia magna mg/L EC50 |
| Proprietary Solvent | | 2200: 96 h Pimephales promelas mg/L LC50 | | 2.6: 96 h Chaetogammarus marinus mg/L LC50 |

| | | | | |
|---------------------|--|--|--|------------------------------------|
| Proprietary Solvent | | 9.22: 96 h Oncorhynchus mykiss mg/L LC50 | | 6.14: 48 h Daphnia magna mg/L EC50 |
|---------------------|--|--|--|------------------------------------|

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

| Chemical Name | Partition Coefficient |
|----------------------|-----------------------|
| Proprietary Alcohol | 1.1 |
| Proprietary Amine | 2.03 |
| Proprietary Hardener | 3.28 |
| Proprietary Amine | 0.77 |

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., (4,4'-Methylenebiscyclohexanamine) |
| Hazard Class | 8 |
| Packing Group | III |

IATA

| | |
|-----------------------------|---|
| UN/ID No | UN2735 |
| Proper Shipping Name | Amines, liquid, corrosive, n.o.s., (4,4'-Methylenebiscyclohexanamine) |
| Hazard Class | 8 |
| Packing Group | III |

IMDG

| | |
|-----------------------------|---|
| UN/ID No | UN2735 |
| Proper Shipping Name | Amines, liquid, corrosive, n.o.s., (4,4'-Methylenebiscyclohexanamine) |
| Hazard Class | 8 |
| Packing Group | III |
| 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 |
|----------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Proprietary Alcohol | Present | X | | Present | | Present | X | Present | X | X |
| Proprietary Hardener | Present | X | | Present | | Present | X | Present | X | X |
| Proprietary Amines | Present | X | | Present | | Present | X | Present | X | X |
| Proprietary Amine | Present | X | | Present | | Present | X | Present | X | X |
| Proprietary Solvent | Present | X | | Present | | Present | X | Present | X | X |
| Proprietary Solvent | 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

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|------------------------|--------|----------|-------------------------------|
| Proprietary Hardener - | | <3 | 1.0 |

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 Hardener | | X | X |
| Proprietary Amine | X | | |

16. OTHER INFORMATION

| | | | | |
|--------------------|---|---------------------------------------|--------------------------------------|--|
| <u>NFPA</u> | Health Hazards Not determined | Flammability Not determined | Instability Not determined | Special Hazards Not determined |
| <u>HMIS</u> | Health Hazards 3 | Flammability 1 | Physical Hazards 0 | Personal Protection Not determined |

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 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