



Epoxy Cove Wet Prime Safety Data Sheet

SDS Revision Date: 5/4/2023

1. Product and Company Identification

Product Name	Epoxy Cove Wet Prime
Product Codes	Epoxy Cove Wet Prime
Manufacturer	Concrete Floor Solutions, Inc.
Street Address	6801 Tilghman Street #113
City, State, Zip	Allentown, PA 18106
Information Phone	610-366-0208
Emergency Phone	Chemtrec 800-424-9300
Prepared By	Jason Kehnel
Date Revised	5/4/2023
Chemical Name or Class	Epoxy Mixture

2. Hazards Identification

GHS Classification: Serious eye damage/eye irritation category 2A, Skin irritation category 2, Skin sensitizer category 1, Long term hazards to aquatic environment category 2

GHS Label Elements and Precautionary Statements:

Label Elements: Exclamation Mark, Aquatic Toxicity



Hazard Statements:

Warning: Causes serious eye irritation.

Warning: Causes skin irritation.

Warning: May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

Precautionary statements:

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P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

Response

P302 + P352 IF ON SKIN: wash with plenty of soap and water.

P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

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/attention.

P391 Collect spillage.

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws.

HMIS Hazard Classification

Health: 1 Flammability: 1 Reactivity: 0 Personal Protective Equipment: G

Potential Health Effects

Eyes: May cause irritation but no corneal injury is likely.

Skin: May cause irritation or allergic skin response.

Ingestion: This material has a probable low acute oral toxicity.

Inhalation: No guide for control known, however, exposure to heated vapors can cause irritation to the nose, throat or mucous membranes.

Health hazards (acute and chronic): Epoxy resins can cause sensitization by exposure through contact or high concentration of vapor. Eyes: Injury if unlikely but stain for evidence of corneal injury.

Medical Conditions Generally Aggravated by Exposure: Respiratory ingredients of this product are regulated as carcinogens.

Carcinogenicity

OSHA: No

NTP: No

IARC: No

Additional carcinogenicity information: N/A

3. Composition/Information on Ingredients

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Ingredient	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL	Weight %
Modified Diglycidyl Ether Of Bisphenol A	25068-38-6	NONE	NONE	NONE	60-100
Alkyl Glycidyl Ether	68609-97-2	NONE	NONE	NONE	10-30

SECTION 3 NOTES: *Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

Note: Ingredients listed without percentages, the percentages are considered a trade secret.

4. First Aid Measures

Eyes: Flush eyes with water for at least 15 minutes and consult a physician.

Skin: Skin contact will normally cause no more than irritation but wash affected area with soap and water and remove contaminated clothing promptly.

Ingestion: Low in toxicity, induce vomiting only if large amounts of material are ingested, and otherwise do not induce vomiting. In either case consult with a physician.

Inhalation: Remove to fresh air if effects persist and administer oxygen if necessary.

5. Fire Fighting Measures

Flammable limits in air (% by volume)	Upper: N/A Lower: N/A
Flash point	200+F
Method used	SETA FLASH
Extinguishing media	Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog
Special fire fighting procedures	Do not enter a confined area without full bunker gear including a positive pressure NIOSH approved self contained breathing apparatus. Cool all fire exposed containers with water.
Unusual fire and explosion hazards	None known.

6. Release Measures

Steps to be taken in case material is released or spilled - Wear respirator and protective clothing. Shut off the source at the leak. Remove excess with a vacuum truck and rake up the remainder with an absorbent such as clay and place in disposal containers. Flush area with water to remove residue.

7. Handling and Storage

Precautions to be taken in handling and storage - Store in a cool dry place. Seal all partially used containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

Mixed materials contain the hazards of all the components, therefore, read the MSDS of all the components prior to using material. Properly label all containers.

Other precautions - Avoid all skin contact. Avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles can not be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to the reuse thereof.

8. Exposure Controls/Personal Protection

Respiratory protection - Use a NIOSH approved respirator as required to prevent over exposure to vapor in accordance with 29 CFR 1910.134. General exhaust is usually sufficient in lieu of a NIOSH respirator.

Ventilation - General exhaust is usually sufficient to control vapors and exposure hazards

Protective gloves - Impervious gloves, neoprene or rubber.

Eye protection - Splash goggles or glasses with side shields.

Other protective clothing or equipment - Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.

Work hygienic practices - Observe good general hygienic practices.

See Section 3 for occupational exposure limit values

9. Physical and Chemical Properties

Appearance and Odor - Medium viscosity liquid - clear in color

Boiling Point or Range - 200 to 279 F

Vapor Density (Air = 1) - N/A

Specific Gravity (H₂O = 1) - 1.1

Evaporation Rate - N/A

Solubility in Water - Negligible

Odor Threshold - N/A

pH - N/A

Melting Point/Freezing Point - N/A

Vapor Pressure - N/A

Auto Ignition Temperature - N/A

Partition Coefficient: n-octanol/water - N/A

Decomposition Temperature- N/A

10. Stability and Reactivity

Stability - stable

Conditions to Avoid (Stability) - avoid excessive heat or open flames

Incompatibility (Material to Avoid) - Can react vigorously with strong oxidizing agents and strong lewis acids or mineral acids

Hazardous Decomposition or By-Products - CO₂, Aldehydes, acids. Reaction with some curing agents can generate large amounts of heat.

Hazardous Polymerization - will not occur

11. Toxicological Information

No data for the product itself.

Component data:

Component CAS# 25068-38-6: Moderate sensitizer, slight eye irritant, moderate skin irritant, Oral LD50 >5000 mg/kg (rat), Dermal LD50 >6000 mg/kg (rabbit)

Component CAS# 68609-97-2: possible sensitizer, eye and skin irritant, Oral LD50 >10000 mg/kg (rat), Inhalation LD50 – no microscopic changes

12. Ecological Information

No data for the product itself.

Component data:

Component CAS# 25068-38-6: Biodegradability (Modified Sturm Method) 12%, Fish toxicity: Rainbow trout (96hr) LC50 1.5mg/l, Zebra Fish (96hr) LC50 2.4 mg/l. Invertebrate Toxicity: Daphnia Toxicity (24hr) EC 50 3.6 mg/l

13. Waste Disposal

Waste Disposal Method: Dispose of material in a waste disposal site in accordance with local, state, and federal law.

14. Transport Information

DOT: Not Regulated

IMO/IMDG: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Polymer), 9, PGIII, Marine Pollutant

15. Regulatory Information

No data for the product itself.

Component data:

Component CAS# 25068-38-6: Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, WHMIS class D2B; Is on the New Jersey Right to Know list,; is on the PA Right to Know List;

Component CAS# 68609-97-2: Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, Is on the New Jersey Right to Know list; is on the PA Right to Know List.

16. Other Information

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

N/A = Not Available

See Section 1 for date of preparation

1. Product and Company Identification

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Product Codes	Epoxy Cove Wet Prime
Manufacturer	Concrete Floor Solutions, Inc.
Street Address	6801 Tilghman Street #113
City, State, Zip	Allentown, PA 18106
Information Phone	610-366-0208
Emergency Phone	Chemtrec 800-424-9300
Prepared By	Jason Kehnel
Date Revised	5/4/2023
Chemical Name or Class	Polyamine Mixture

2. Hazards Identification

GHS Classification: Serious eye damage category 1, skin corrosion category 2, skin sensitization category 1, acute toxicity oral category 4, germ cell mutagenicity category 2, toxic to reproduction category 2, specific target organ toxicity repeated exposure category 2, acute hazard to aquatic environment category 2

GHS Label Elements and Precautionary Statements:

Label Elements: Exclamation Mark, Corrosion, Health Hazard, Aquatic Toxicity



Hazard Statements:

Warning: Suspected of causing genetic defects.

Warning: May cause damage to organs through prolonged or repeated exposure (skin, central nervous system (CNS)).

Warning: Harmful if swallowed

Danger: Causes serious eye damage

Warning: May cause an allergic skin reaction

Warning: Causes skin irritation

Warning: Suspected of damaging fertility or the unborn child.

Toxic to aquatic life

Precautionary statements:

P102 Keep out of reach of children.

P103 Read label before use

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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P264 Wash hands thoroughly after handling.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P272 Contaminated work clothing should not be allowed out of the workplace.

P270 Do not eat, drink or smoke when using this product.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapors/spray

P273 Avoid release to the environment.

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.

P310 If in eyes, immediately call a POISON CENTER or doctor/physician.

P302 + P352 IF ON SKIN: wash with plenty of soap and water.

P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

P362 + P364 take off contaminated clothing and wash it before reuse.

P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P330 Rinse mouth.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell

Storage:

P405 Store locked up

Disposal:

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws.

HMIS HAZARD CLASSIFICATION

Health: 2 Flammability: 1 Reactivity: 0 Personal Protective Equipment: G

Potential Health Effects

Eyes: will cause burns to the eyes. High vapor concentrations can cause severe irritation to the eyes.

Skin: can cause skin irritation or possible burns to the skin.

Ingestion: liquid can cause severe damage to mucous membranes if swallowed.

Inhalation: high concentrations of vapor can cause irritation to the respiratory tract, nausea, and dizziness.

Health hazards (acute and chronic): prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.

Medical conditions generally aggravated by exposure: respiratory conditions or other allergic ailments.

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Carcinogenicity

OSHA: No NTP: No IARC: Yes

ADDITIONAL CARCINOGENICITY INFORMATION:

No listed ingredients of this product are regulated as carcinogens.

3. Composition/Information on Ingredients

Ingredient	CAS NO	OSHA PEL	ACGIH TLV	OSHA STEL	Weight %
Propoxylated Triethylenetetramine	26950-63-0	NONE	NONE	NONE	10-30
N,N-Bis(aminoethyl)-1,2-ethanediamine	112-24-3	NONE	NONE	NONE	15-40
Benzyl Alcohol	100-51-6	NONE	NONE	NONE	10-30
Nonyl Phenol	84852-15-3	NONE	NONE	NONE	10-30

*INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

Note: Ingredients listed without percentages, the percentages are considered a trade secret.

4. First Aid Measures

Eyes: immediately flush with large amounts of water for at least 15 minutes while lifting upper and lower lids. Get immediate medical assistance.

Skin: flush skin with water for at least 15 minutes and remove all contaminated clothing immediately. Get medical attention if reddening or swelling occurs.

Ingestion: do not induce vomiting. Dilute by giving water or milk to drink if the victim is conscious. Get medical assistance immediately.

Inhalation: remove victim to fresh air if effects persist and administer oxygen if necessary.

5. Fire Fighting Measures

Flammable limits in air,
(% by volume)

Upper: not available
Lower: not available

Flash point:

200+F

Method used:

Seta flash

Extinguishing media:

Foam, alcohol foam, co2, water fog

Special fire fighting procedures:

Toxic fumes will be evolved when this material is involved in a fire. Self-contained breathing apparatus should be available for fire fighting. Cool fire exposed containers with water.

Unusual fire and explosion hazards: None known.

6. Release Measures

Steps to be taken in case material is released or spilled: Avoid contact with material. Wear the appropriate safety equipment. Stop spillage at source, dyke area to prevent spreading. Pump liquid to salvage tank. Take up the remainder with clay or other absorbent and place in disposal containers.

7. Handling and Storage

Precautions To Be Taken In Handling And Storage: Avoid all skin contact. Avoid breathing vapors. Reseal partially used containers. Properly label all containers. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Observe conditions of good industrial hygiene and safe working practices.

Other Precautions: Mixed materials contain the hazards of all the components, therefore, read the MSDS of all components to become familiar with all hazards prior to using this product.

8. Exposure Controls/Personal Protection

Respiratory protection: NIOSH approved respirator protection required in the absence of proper environmental controls. For emergencies a self-contained breathing apparatus or a full face respirator is recommended.

Ventilation: avoid breathing vapors. Ventilation must be sufficient to control vapors.

Protective gloves: impervious gloves, neoprene or rubber

Eye protection: splash goggles or glasses with side shields.

Other protective clothing or equipment: wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.

Work hygienic practices: observe good general hygienic practices.

See section 3 for occupational exposure limit values

9. Physical and Chemical Properties

Appearance and odor: amber clear liquid with amine odor

Boiling point or range: 155 to 401 F

Vapor density (air = 1): N/A

Specific gravity (h₂o = 1): 1.0

Evaporation rate: N/A

Solubility in water: negligible

Odor threshold: N/A

pH: N/A

Melting point/freezing point: N/A

Vapor pressure: N/A

Auto ignition temperature: N/A

Partition coefficient: n-octanol/water: N/A

Decomposition temperature: N/A

10. Stability and Reactivity

Stability: stable

Conditions to avoid (stability): avoid excessive heat or open flames

Incompatibility (material to avoid): can react vigorously with strong oxidizing agents and strong lewis acids or mineral acids

Hazardous decomposition or by-products: co₂, aldehydes, acids. Reaction with some curing agents can generate large amounts of heat.

Hazardous polymerization: will not occur.

11. Toxicological Information

No data for the product itself.

Component data:

Component CAS# 26950-63-0 and CAS# 112-24-3: Ingestion LD₅₀ > 2000 mg/kg (rat) Method Estimated.. Skin LD₅₀ > 2000 mg/kg (rabbit) Method estimated. May cause sensitization by skin contact. Chronic Health hazard: Results from a battery of short term tests on this material indicate mutagenic activity.

Component Benzyl Alcohol: Inhalation LC₅₀ (4hr) >4178 mg/l (rat), Dermal LD₅₀ 2000 mg/kg (rabbit) Rats exposed to 800 mg/kg for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No observed Adverse effect level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in a two year study with rats and mice.

Component Nonyl Phenol: Median Lethal Dose Oral: LD₅₀ 0.58g/kg (rat) moderately toxic. Dermal LD₅₀ 2.14g/kg (rabbit) slightly toxic. Skin Draize Test, rabbit,: 500 mg/m³ 24hr – corrosive. Eyes Draize test rabbit, 57.00/110 – extremely irritating. Component is a possible risk of impaired fertility.

12. Ecological Information

No data for the product itself.

Component data:

Component Benzyl Alcohol: EC₅₀ (48hr) 400 mg/l Daphnia Magna, EC₅₀ (72hr) 2600 mg/l Algae, Biodegradation BOD₂ 62. Slightly or not bioaccumulative. Toxicity to fish: LC₅₀ (96 hr) 10 mg/l Bluegill sunfish (*Lepomis macrochirus*), LC₅₀ (96hr) 460 ml/l Fathead minnow (*Pimephales promelas*), Toxicity to Algae: IC₅₀ (72hr) 700 mg/l

Component Nonyl Phenol: Ecotoxicity: Daphnia EC₅₀: 0.14-0.44 mg/l, 48 hr. Component is not readily biodegradable, log Pow: 3-4. Very toxic to aquatic organisms, may cause long term

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adverse effects in the aquatic environment.. Aquatic Toxicity LC50 96 hr, toxicity rating is <0.10 ppm – extremely toxic

13. Waste Disposal

Waste Disposal Method: Dispose of material as a hazardous waste according to federal, state, and local regulations.

14. Transport Information

DOT: UN1760, CORROSIVE LIQUID N.O.S. (CONTAINS PROPOXYLATED TRIETHYLENETETRAMINE, N,N-BIS(AMINOETHYL)-1,2-ETHANEDIAMINE, NONYL PHENOL), 8, PG III, MARINE POLLUTANT

IMO/IMDG: UN1760, CORROSIVE LIQUID N.O.S. (CONTAINS PROPOXYLATED TRIETHYLENETETRAMINE, N,N-BIS(AMINOETHYL)-1,2-ETHANEDIAMINE, NONYL PHENOL), 8, PG III, MARINE POLLUTANT

15. Regulatory Information

No data for the product itself.

Component data:

Component CAS# 26950-63-0 and CAS# 112-24-3: Acute health hazard, Chronic health hazard. Components are not on the California Proposition 65 list. Components are on the TSCA and Canada DSL lists as well as the EINECS, AICS, ENCS, ECL, SEPA inventories.

Component Benzyl Alcohol: E20/22 Harmful by inhalation and if swallowed. On TSCA list, on DSL Canada

Component Nonyl Phenol: This component is listed on TSCA, EINECS, ACIS, MITI and Canada DSL lists.

16. Disclaimer

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

N/A = Not Available

See Section 1 for date of preparation

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