

Material Safety Data Sheet MSDS

Revision Date: 11-13-08

-----Section I – Product and Company Identification-----

Trade Name: FlexFoam
Product Name: FlexFoam
Company: CME, LLC:
1312 Marquette Dr Ste E
Romeoville, IL 60446
Telephone Number: 630-771-0380

-----Section II – Composition/Information on Ingredients-----

Wt. % CAS#

Diphenylmethane Diisocyanate Mixed Isomers <= 10 26447-40-5
Methylene Bisphenyl Isocyanate (MDI) <= 10 101-68-8
MDI Prepolymer 15 – 35 Not disclosed
Polymeric Diphenylmethane Diisocyanate 10 – 30 9016-87-9
2,2-dimethyl-1-(methylethyl)-1,3-propanediyl bis(2-methylpropanoate) 10 – 30 6846-50-0
Polyalkyleneoxidemethylsiloxane Copolymer < 2 67762-85-0

-----Section III – Hazards Identification-----

Emergency Overview

Physical Appearance: Clear to yellow liquid. **Immediate Concerns:** Irritating to eyes, respiratory system, and skin. Inhalation at levels above the occupational exposure limit could cause respiratory sensitization and risk of serious damage to respiratory system. The onset of the respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response to even minimal concentrations of diisocyanates may develop in sensitized persons.

Potential Health Effects

Eyes: Liquids, vapors, or mists are irritating to the eyes and can cause stinging, burning, lachrymation or tearing.

Skin: Moderate irritant. Repeated and/or prolonged contact may cause skin sensitization.

Ingestion: Ingestion may cause irritation of the gastrointestinal tract and gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy, or diarrhea.

Inhalation: Inhalation of vapors or mist at concentrations above the TLV can cause respiratory tract irritation. (Nose, throat, lungs.) Chronic inhalation can result in sensitization.

Signs and Symptoms of Overexposure

Eyes: Contact may cause moderate irritation consisting of transient redness, swelling, and mucous membrane discharge to the conjunctiva. Prolonged contact with the eyes may cause reversible corneal opacity to occur, with no visual impairment expected.

Skin: Contact may cause minor irritation consisting of transient redness and/or swelling. Individuals with skin sensitization can develop these symptoms from contact with a small amount of liquid or vapors.

Ingestion: Ingestion may cause irritation of the gastrointestinal tract and gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy or diarrhea.

Inhalation: Vapors or mist, especially as generated from heating the material or as from exposure in poorly ventilated areas or confined spaces, are irritating and cause nasal discharge, coughing, discomfort in nose and throat, and breathing obstruction. Individuals with respiratory sensitization may experience allergic respiratory reactions when exposed to amounts below the exposure guidelines.

Medical Conditions Aggravated: Asthma, other respiratory disorders (bronchitis, emphysema, bronchia hyperreactivity), skin allergies, eczema.

Routes of Entry: Inhalation, skin contact, eye contact, ingestion.

Sensitization: Any individual with isocyanate sensitization should not be exposed to this product. These individuals can react to exposure well below the TLV. Symptoms can occur immediately or several hours after exposure.

-----Section IV –First Aid Measures-----

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

Skin: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash clothing thoroughly before reuse. For severe exposure, seek medical attention immediately. For lesser exposure, seek medical attention if swelling or redness occurs, or if irritation persists after being washed.

Ingestion: Do not induce vomiting. Never give anything by mouth to a drowsy or unconscious person. If the individual is conscious, rinse mouth with water. Give 1 to 2 cups of water to drink. Seek immediate medical attention.

Inhalation: Remove patient from exposure, keep warm and at rest. Obtain immediate medical attention. Treatment is symptomatic for primary irritation or bronchospasm. If breathing is labored, oxygen should be administered by qualified personnel. Apply artificial respiration if breathing has ceased or shows signs of failing. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours.

Antidotes: No specific antidote.

NOTES TO PHYSICIAN: Symptomatic and supportive therapy as needed. Following severe exposure, medical follow-up should be monitored for at least 48 hours. May cause respiratory sensitization or asthma-like symptoms. Respiratory symptoms, including pulmonary edema, may be delayed.

-----Section V – Fire Fighting Measures-----

Flash Point and Method: >(200°F) Closed Cup

Extinguishing Media: Dry Chemical, Carbon Dioxide, Chemical Foam, Water Fog or spray.

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide, Nitrous Oxide, and HCN.

Explosion Hazards: Closed containers could rupture explosively at elevated temperatures generated under fire conditions. During a fire, gases of a highly toxic nature may be generated by thermal decomposition or combustion. Use water to cool fire-exposed containers.

Fire Fighting Procedures: Isolate fuel supply from fire. Use water spray to cool fire-exposed surfaces and containers. Fire fighters should wear self-contained breathing apparatus in addition to emergency fire fighting protective clothing.

Comments: Reacts slowly with water to produce carbon dioxide which may rupture closed containers. This reaction accelerates at higher temperatures.

-----Section VI– Accidental Release Measures-----

Small Spill: Clean up spills wearing proper personal protective equipment. (See Section VIII) Absorb with dry chemical absorbent, earth, sand, or any other inert material. Place in a chemical waste container. Move to outside well-ventilated area. Treat with 10 parts decontamination solution to 1 part isocyanate. Mix well. Allow to stand uncovered 48 hours before disposal.

Large Spill: Eliminate all ignition sources. Evacuate and ventilate the area. Create a dike or trench to contain materials. Prevent entry into waterways, sewers, basements or confined areas. Clean-up personnel should wear appropriate personal protection equipment (see Section VIII). Absorb with dry chemical absorbent, earth, sand, or any other inert material. Do not use combustible material such as sawdust. Place in a chemical waste container. Move to outside well-ventilated area. Treat with 10 parts decontamination solution to 1 part isocyanate. Mix well. Allow to stand uncovered 48 hours before disposal. Clean spill area with decontamination solution and allow to stand for 15 minutes before removal. Test atmosphere for MDI.

Decontamination solution: concentrated ammonia (5%), detergent (2%), and water (93%).

Release Notes: Spills and releases may have to be reported to Federal and/or local authorities. See section XV regarding reporting requirements.

Special Protective Equipment: See Section VIII. Clean-up crews should always wear Personal Protective Equipment.

Comments: After allowing material to harden, dispose of by any standard method of disposal in accordance with good industrial practice and in compliance with federal, state, and local environmental protection regulations.

-----Section VII – Handling and Storage-----

Precautions: Keep containers tightly sealed. Keep containers away from heat source and/or open flames. Do not store containers in open sunlight. Store in cool, well-ventilated area.

Handling: Wear proper personal protective equipment. Use in a well ventilated area. Avoid smoking, bare lights, or ignition sources. Keep containers securely sealed when not in use. Avoid physical damage to containers.

Storage: Containers can rupture if exposed to high heat. Protect from atmospheric moisture. Keep containers sealed in order to avoid contamination. Do not reseal if contaminated. After container has been opened, blanket with nitrogen before resealing. Store indoors in a cool, well-ventilated area.

Storage Temperature: (55°F) minimum to (120°F) maximum **Shelf Life:** 1 year

Special Sensitivity: Material is hygroscopic and reacts with water. It will form cured particles or a film when exposed to atmospheric moisture. Blanket containers with nitrogen before resealing.

Comments: Reacts slowly with water to produce carbon dioxide which may rupture closed containers. This reaction accelerates at higher temperatures. See Section X for more information on precautions concerning storage and handling of this material.

-----Section VIII – Exposure Controls/Personal Protection-----

Exposure Guidelines: OSHA Hazardous Components (29 CFR 1910.1200)

Exposure Limits

OSHA PEL ACGIH TLV

ppm mg/m³ ppm mg/m³

Diphenylmethane Diisocyanate Mixed Isomers **TWA** NE NE NE NE

Methylene Bisphenyl Isocyanate (MDI) **TWA** 0.20* 0.05

MDI Prepolymer **TWA** NE NE NE NE

Polymeric Diphenylmethane Diisocyanate **TWA** 0.20* 0.05

2,2-dimethyl-1-(methylethyl)-1,3-propanediyl bis(2-methylpropanoate) **TWA** NE NE NE NE

Polyalkyleneoxidemethylsiloxane Copolymer **TWA** NE NE NE NE

OSHA Table Comments: NE = Not Established *= Ceiling

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal Protective Equipment

Eyes and Face: Wear safety glasses with side shields (or goggles) and a face shield.

Skin: The following protective materials are recommended: Gloves – neoprene, nitrile rubber, butyl rubber. Thin latex disposable gloves should be avoided for repeated or long-term use.

Protective clothing should be selected and used in accordance with 'Guidelines for the Selection of Chemical Protective Clothing' published by ACGIH.

Respiratory: During application, if exposure of product can exceed the PEL/TLV, use appropriate respiratory protection to protect from overexposure. Appropriate respiratory protection includes approved supplied-air respirators (SAR) operated in a positive pressure mode or, in non-IDLH (immediately dangerous to life and health) atmospheres, NIOSH approved air purifying respirators (APR), provided an appropriate cartridge change-out schedule is implemented. [29 CFR 1910.134 (d)(3)(iii)] All respirators used should follow the OSHA Respiratory Standard 29 CFR 1910.134.

Protective Clothing: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Work Hygienic Practices: Follow good normal hygiene practices. Avoid contact with skin. Avoid eating, drinking, or smoking while using this product. Wash hands thoroughly after use.

Other Use Precautions: Medical supervision of all employees who handle or come in contact with respiratory sensitizers is recommended. Persons with respiratory problems including asthmatic-type conditions, chronic bronchitis, or other chronic respiratory diseases or recurrent skin eczema or skin allergies should be evaluated for their suitability of working with this product. Once a person is diagnosed as sensitized, no further exposure of the material that caused the sensitization should be permitted. The Occupational Exposure limits do not apply to previously sensitized individuals.

Other Protective Equipment: Safety showers and eye wash stations.

-----**Section IX – Physical and Chemical Properties**-----

Physical State: Liquid **Odor:** Slightly musty

Color: Clear to light yellow **Boiling Point:** Not Determined

Freezing Point: Not Determined **Solubility in Water:** Insoluble

Specific Gravity: 1.060 to 1.080 (water=1) at (77°F) **Viscosity:** 500 to 700 cps at (77°F)

-----**Section X – Stability and Reactivity**-----

Conditions to Avoid: Temperature extremes. Container contamination. Moisture.

Stability: Stable under recommended storage conditions

Polymerization: Polymerization may occur at elevated temperatures in the presence of alkalis, tertiary amines, and metal compounds.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Nitrous Oxide, and HCN.

Incompatible materials: This product will react with any materials containing active hydrogens such as water, alcohol, amines, bases and acids. The reaction with water is very slow under 122°F, but is accelerated at higher temperatures.

-----Section XI – Toxicological Information-----

Ingredients Oral LD₅₀ (rat) Dermal LD₅₀ (rabbit) Inhalation LC₅₀ (rat)

Methylene Bisphenyl Isocyanate (MDI) > 5000 mg/kg > 10000 mg/kg 369 mg/m³/4h
(respirable aerosol)

Polymeric Diphenylmethane > 5000 mg/kg > 5000 mg/kg 490 mg/m³/4h

Diisocyanate (respirable aerosol)

2,2-dimethyl-1-(methylethyl)-1,3- > 3200 mg/kg > 18840 mg/kg (rat) > 5.3 mg/L
propanediyl bis(2-methylpropanoate)

Polyalkyleneoxidemethylsiloxane Copolymer > 2000 mg/kg > 2000 mg/kg No data

Eye Effects: The vapor, aerosol, and liquid are irritant.

Skin Effects: Moderate Irritant. Repeated and/or prolonged contact may cause skin sensitization. There is limited evidence from animal studies that skin contact may play a role in respiratory sensitization. These results emphasize the need for protective clothing including gloves to be worn at all times when handling these chemicals or in maintenance work.

Sensitization: This material is a respiratory sensitizer and irritant. Repeated and/or prolonged contact may cause skin sensitization and irritation.

Carcinogenicity: Not classified as a carcinogen by IARC, NTP, OSHA or ACGIH.

Mutagenicity: There is no substantial evidence of mutagenic potential.

Reproductive Effects: No adverse reproductive effects are anticipated.

General Comments: A study was conducted where groups of rats were exposed for 6 hours/day, 5 days/week for a lifetime to atmospheres of respirable polymeric MDI aerosol at concentrations of 0, 0.2, 1, or 6 mg/m³. No adverse effects were observed at 0.2 mg/m³. At the 1 mg/m³ concentration, minimal nasal and lung irritant effects were seen. Only at the top concentration (6.0 mg/m³) was there an increased incidence of a benign tumor of the lungs (adenoma). One malignant pulmonary tumor (adenocarcinoma) was seen in the 6.0 mg/m³ group. MDI administration to rats in this study did not change the distribution and incidence of tumors from those seen in control animals. The increased incidence of lung tumors is associated with prolonged respiratory irritation and the concurrent accumulation of yellow material in the lung. In the absence of prolonged exposure to high concentrations leading to chronic irritation and lung damage, it is highly unlikely that tumor formation will occur. There are reports that chronic exposure to diisocyanates by inhalation may result in permanent decreases in lung function.

-----Section XII – Ecological Information-----

Ecotoxicological Information: Polymeric MDI: LC₅₀ (Zebra Fish) >1000 mg/L. EC₅₀ (Daphnia magna) (24 hour) >1000 mg/L. EC₅₀ (E. Coli) >100 mg/L.

Chemical Fate Information: Immiscible with water, but will react with water to produce inert and nonbiodegradable solids.

General Comments: No testing for product as a whole.

-----Section XIII – Disposal Considerations-----

Disposal Method: Disposal should be in accordance with local, state, provincial or national regulations.

Empty Container: Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

RCRA Hazard Class: This material is not a hazardous waste under RCRA 40 CFR 261. The treated waste is not a hazardous material under RCRA 40 CFR 261.

General Comments: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured down drains, sewers or waterways. **Comments:** Refer to Section VI for additional information.

-----Section XIV – Transport Information-----

DOT (Department of Transportation)

Proper Shipping Name: Not restricted when shipped below RQ.

Technical Name: Compound Resin

Other Shipping Information: Single containers with 5,000 lbs or more of 4,4'-Methylene Diphenyl Diisocyanate are regulated as: Other Regulated Substances, Liquid, N.O.S. (Methylene Diphenyl Diisocyanate), 9, NA3082, PGIII, RQ.

AIR (ICAO/IATA) - Proper Shipping Name: Not restricted

Vessel (IMO/IMDG) - Proper Shipping Name: Not restricted

-----Section XV – Regulatory Information-----

United States

SARA Title III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories: Toxic, irritating substance, sensitizing substance

313 Reportable Ingredients: Diisocyanate compounds

CERCLA (Comprehensive Response, Compensation, and Liability Act)

CERCLA RQ: 4,4-Methylene Diphenyl Diisocyanate (CAS 101-68-8) has a 5,000 lb RQ (reportable quantity). Any spill or release above the RQ must be reported to the National Response Center (800-424-8802).

TSCA (Toxic Substance Control Act): TSCA Regulatory: All ingredients are on TSCA inventory.

RCRA Status: Not hazardous if discarded in its purchased form. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

OSHA Hazard Comm. Rule: This material is classified as a hazardous material under the criteria outlined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

-----Section XVI – Other Information-----

Prepared by: L. P.

HMIS Rating: Health – *2 Flammability – 1 Physical Hazard: 1

HMIS Rating Notes: If present, the asterisk signifies a chronic health hazard.

Rating System: 0 = low hazard to 4 = high hazard

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Key Legend Information:

ACGIH: American Conference of Governmental Industrial Hygienists

EPA: Environmental Protection Agency

IARC: International Agency for Research on Cancer

NTP: National Toxicology Program

OEL: Occupational Exposure Limit

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TWA: Time Weighted Average

MATERIAL SAFETY DATA SHEET

Concrete Materials & Equipment LLC
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 Telephone: (630) 771-0380

Page: 1 of 3

Everseal Surface Paste and Port Adhesive Part A
 Date Prepared: 08/23/10
 Revision Number: 1

Section 1 - Material Identification

Product Name: Everseal Surface Paste and Port Adhesive Part A
Product Type: Epoxy Resin Compound
Manufacturer: Concrete Materials & Equipment LLC
 1312 Marquette Drive Suite E
 Romeoville, IL 60446
Telephone Number: (630) 771-0380

Section 2 - Hazardous Ingredients

#	wt %	CAS Number	Chemical Name
1.	> 1 %	Trade Secret	Epoxy Resin

OSHA & ACGIH EXPOSURE LIMITS

	TWA		STEL		CEILING	
	ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
1. OSHA	N/E	N/E	N/E	N/E	N/E	N/E
ACGIH	N/E	N/E	N/E	N/E	N/E	N/E

N/E = Not Established

Section 3 - Health Hazards

EMERGENCY OVERVIEW

HMIS HEALTH RATING: 2 **FLAMMABILITY: 1** **REACTIVITY: 0**

HMIS Hazard Rating **Least - 0** **Slight - 1** **Moderate - 2** **High - 3** **Extreme - 4**

An off-white paste with a slight "sweet" odor. Causes eye and skin irritation. Can burn in fire, releasing possible hazardous vapors, gases and fumes. Do not torch or weld on cured epoxy. Hazardous fumes and vapors may be released.

Routes of Exposure: Eye Contact, Skin Contact, Ingestion.

Health Hazards: May cause eye irritation. May cause skin sensitization. Moderate skin irritant.

Target Organs: Eyes, Skin.

Signs and Symptoms of Exposure (Acute Effects): Contact with skin or eyes causes irritation, redness and discomfort.

Signs and Symptoms of Exposure (Possible Longer Term Effects): Repeated and/or prolonged exposure may cause allergic reaction/sensitization. Repeated and/or prolonged exposure may result in adverse eye effects (such as conjunctivitis or corneal damage), adverse skin effects (such as rash, irritation or corrosion).

Medical Conditions Generally Aggravated by Exposure: Eye disease, skin disorders and allergies.

Carcinogens under OSHA, ACGIH, NTP, IARC, other: This product contains no carcinogens in concentrations of 0.1 percent or greater.

MATERIAL SAFETY DATA SHEET

Concrete Materials & Equipment LLC
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Telephone: (630) 771-0380

Page: 2 of 3 Everseal Surface Paste and Port Adhesive Part A
Date Prepared: 08/23/10
Revision Number: 1

Section 4 - First Aid

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Skin Contact: Remove contaminated clothing/shoes and wipe excess from skin. Flush skin with water. Follow by washing with soap and water.
Inhalation: Remove victim to fresh air and provide oxygen. If breathing is difficult, seek medical attention.
Ingestion: If swallowed, call physician immediately. Induce vomiting only as directed by medical personnel.

Section 5 - Fire and Explosion Data

Flash Point (closed cup): > 200 °F
Auto Ignition Temperature: No data
Upper Explosion Limit (UEL): No data
Lower Explosion Limit (LEL): No data
Fire Hazard Classification (OSHA/NFPA): This product is not considered flammable nor combustible, but will burn if involved in a fire.
Extinguishing Media: Foam, Carbon Dioxide (CO2), or dry chemical.
Special Fire Fighting Procedures: Keep personnel removed from area and upwind of fire.
Unusual Fire and Explosion Hazards: Hazardous combustion products may be present.

Section 6 - Accidental Release Measures

Containment Techniques (Removal of ignition sources, diking, etc.) Stop the leak, if possible. Shut off or remove all ignition sources.
Clean-Up Procedures: Spread absorbent material over area. Wipe or scrape up material.
Other Emergency Advice: Wear protective clothing, boots, gloves, respirator, and eye protection.

Section 7 - Handling and Storage

Storage: Store in a cool (60-80 °F), dry, ventilated place. Crystallization may occur if storage temperature drops below 55 °F for a prolonged period of time.
Handling: Avoid contact with skin, eyes, or clothing. When handling, do not eat, drink, or smoke.
Other Precautions: Wash thoroughly after handling. Remove contaminated clothing and gear.

Section 8 - Personal Protection/Exposure Controls

Eye Protection: Chemical safety goggles recommended. Contact lenses should not be worn while using this product.
Hand Protection: Chemical resistant gloves recommended, such as neoprene or nitrile rubber.
Respiratory Protection: Not necessary under most operating conditions. NIOSH approved organic vapor respirator should be used in confined areas.
Protective Clothing: Clean, body covering clothing should be utilized.
Work and Hygienic Practices: Eye wash stations and safety showers should be easily accessible.

Section 9 - Typical Physical and Chemical Properties

Physical Form: Liquid
Color: Off-White
Odor: Slight Sweet
pH: No Data
Vapor Pressure: No Data
Vapor Density: Heavier than air
Boiling Point: > 200 °F
Melting Point: Not Applicable
Solubility in Water: Negligible
Specific Gravity: 1.60

Section 10 - Stability and Reactivity

Chemical Stability: Stable
Conditions to Avoid (if unstable): None

MATERIAL SAFETY DATA SHEET

Concrete Materials & Equipment LLC
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Telephone: (630) 771-0380

Page: 3 of3

Everseal Surface Paste and Port Part A
Date Prepared: 08/23/10
Revision Number: 1

Section 10 - Stability and Reactivity (con't.)

Incompatibility (Materials to Avoid): Acids, strong oxidizing agents.
Hazardous Decomposition Products: None
Hazardous Polymerization: Contact with epoxy hardeners under uncontrolled conditions. May release excess heat and vapors.

Section 11 - Toxicological Properties

Acute Oral Toxicity (LD50, RAT): No data available.
Acute Dermal Toxicity (LD50, RABBIT): No data available.
Acute Inhalation Toxicity (LC50, RAT): No data available.

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Waste Disposal: This material does not contain any VOC's (volatile organic compounds). Dispose of material in accordance with applicable, local, state, and federal laws and regulations. The state and local regulations and laws may differ from federal regulations, and laws may change or be reinterpreted. This information only applies to the material as manufactured. Processing, use, or contamination may make the information in appropriate, inaccurate, or incomplete. Responsibility for proper waste disposal is with the owner of the waste.

Section 14 - Transport Information

DOT Non-Bulk Shipping Name: Resin compound - not regulated UN#: Not regulated
DOT Bulk Shipping Name: Resin compound - not regulated Packing Group: Not regulated
Technical Shipping Name: NMFC Item 46030, Class 55 IMO Shipping Data: Resin compound - not regulated
DOT Hazard Class: Not regulated ICAO/IATA Shipping Data: Resin compound - not regulated

Section 15 - Regulatory Information

US FEDERAL REGULATIONS:

Toxic Substances Control Act (TSCA): All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory or are not required to be listed on the TSCA Inventory.
OSHA (29CFR1910.1200) Hazard Class(es): Irritant. Sensitizer
EPCRA Section 312 (40CFR370) Hazard Classes: Immediate Health Hazard. Delayed Health Hazard.
EPCRA Section 313 (40CFR372): Toxic chemicals above "de minimus" level (% by weight): Ethylene glycol (<1%)

STATE REGULATIONS:

California Proposition 65 Substances: (components known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986"). None

INTERNATIONAL REGULATIONS

Canada: WHMIS Hazard Classification: Class D, division 2B
WHMIS Risk Phrases: Eye or skin irritant. Skin sensitizer.
WHMIS Symbols: Stylized T

Section 16 - Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither Concrete Materials & Equipment LLC nor any of its agents assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

Revision Date: 08/23/10
Replaces Revision Dated: NA

MATERIAL SAFETY DATA SHEET

Concrete Materials and Equipment LLC
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Page: 1 of 3 (EVERSEAL SURFACE PASTE AND PORT ADHESIVE PART B)
 Date Prepared: 08/23/10

Section 1 - Material Identification

Product Name: EVERSEAL SURFACE PASTE AND PORT ADHESIVE PART B
Product Type: Epoxy Hardener Compound
Manufacturer: Concrete Materials and Equipment LLC
 1312 Marquette Drive Suite E
 Romeoville, IL 60446
Telephone Number: (630) 771-0380

Section 2 - Hazardous Ingredients

#	wt %	CAS Number	Chemical Name
1.	> 1 %	Trade Secret	Mercaptan

OSHA & ACGIH EXPOSURE LIMITS

	TWA		STEL		CEILING	
	ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
1. OSHA	N/E	N/E	N/E	N/E	N/E	N/E
ACGIH	N/E	N/E	N/E	N/E	N/E	N/E

N/E = Not Established

Section 3 - Health Hazards

EMERGENCY OVERVIEW

HMIS HEALTH RATING: 3 FLAMMABILITY: 1 REACTIVITY: 0

HMIS Hazard Rating Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme - 4

A black paste with a mercaptan odor. Skin irritant. Eye irritant. May cause skin sensitization. May cause respiratory sensitization. Can burn in fire, releasing possible hazardous vapors, gases and fumes.

Do not torch or weld on cured epoxy. Hazardous fumes and vapors may be released.

Routes of Exposure: Eye Contact, Skin Contact, Inhalation, Ingestion.

Health Hazards: Skin irritant. Eye irritant. May cause skin sensitization. May cause respiratory sensitization.

Target Organs: Eyes, Skin, and Respiratory System.

Signs and Symptoms of Exposure (Acute Effects): Contact of undiluted products with the eyes or skin causes irritation.. Inhalation of mists may damage contacted tissue. Product is may be absorbed through the skin and may cause discomfort, injury or serious health problems unless treated properly.

Signs and Symptoms of Exposure (Possible Longer Term Effects): This substance may cause respiratory sensitization to exposed workers.

Medical Conditions Generally Aggravated by Exposure: Asthma, chronic respiratory disease (e.g. Bronchitis, emphysema). Eye disease, skin disorders and allergies.

Carcinogens under OSHA, ACGIH, NTP, IARC, other: This product contains no carcinogens in concentrations of 0.1 percent or greater.

MATERIAL SAFETY DATA SHEET

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Page: 2 of 3 (EVERSEAL SURFACE PASTE AND PORT ADHESIVE PART B)

Date Prepared: 08/23/10

Section 4 - First Aid

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Skin Contact: Remove contaminated clothing/shoes and wipe excess from skin. Immediately flush affected area with water for at least 15 minutes.
Inhalation: Remove victim to fresh air and provide oxygen. If breathing is difficult, seek medical attention.
Ingestion: DO NOT INDUCE VOMITING. Seek medical attention immediately.

Section 5 - Fire and Explosion Data

Flash Point (closed cup): > 200 °F
Upper Explosion Limit (UEL): No data
Lower Explosion Limit (LEL): No data
Auto Ignition Temperature: No data
Fire Hazard Classification (OSHA/NFPA): This product is considered neither flammable nor combustible, but will burn if involved in a fire.
Extinguishing Media: Foam, Carbon Dioxide (CO2), or dry chemical.
Special Fire Fighting Procedures: Keep personnel removed from area and upwind of fire.
Unusual Fire and Explosion Hazards: Hazardous combustion products may be present.

Section 6 - Accidental Release Measures

Containment Techniques (Removal of ignition sources, diking etc.): Reduce vapor spreading with a water spray. Stop the leak, if possible.
Clean-Up Procedures: Spread absorbent material over area. Transfer to containers by suction.
Other Emergency Advice: Wear protective clothing, boots, gloves, respirator, and eye protection.

Section 7 - Handling and Storage

Storage: Store in a cool (60-80°F), dry ventilated place. Store in closed containers.
Handling: Avoid breathing of vapors. Handle in well-ventilated workspace.
Other Precautions: Emergency showers and eye wash stations should be readily accessible.

Section 8 - Personal Protection/Exposure Controls

Eye Protection: Full-face shield with chemical safety goggles.
Hand Protection: Neoprene rubber gloves. Cuffed butyl rubber gloves.
Respiratory Protection: Not necessary under most operating conditions.
Protective Clothing: Impervious clothing. Slickersuit. Rubber boots.
Work and Hygienic Practices: Eye wash stations and safety showers should be easily accessible.

Section 9 - Typical Physical and Chemical Properties

Physical Form: Paste
Color: Black
Odor: Mercaptan
pH: No Data
Vapor Pressure: No Data
Vapor Density: Heavier than air
Boiling Point: > 200 °F
Melting Point: Not applicable
Solubility in Water: Negligible
Specific Gravity: 1.50

Section 10 - Stability and Reactivity

Chemical Stability: Stable
Incompatibility (Materials to Avoid): Acids, strong oxidizing agents.
Hazardous Polymerization: Contact with epoxy resins under uncontrolled conditions.
Conditions to Avoid (if stable): None
Hazardous Decomposition Products: None

MATERIAL SAFETY DATA SHEET

Concrete Materials and Equipment LLC
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Section 11 - Toxicological Properties

Acute Oral Toxicity (LD50, RAT): No data available.
Acute Dermal Toxicity (LD50, RABBIT): No data available.
Acute Inhalation Toxicity (LC50, RAT): No data available.

Section 12 - Ecological Information

No Data Available

Section 13 - Disposal Considerations

Waste Disposal: This material does not contain any VOC's (volatile organic compounds). Dispose of material in accordance with applicable, local, state, and federal laws and regulations. The state and local regulations and laws may differ from federal regulations, and laws may change or be reinterpreted. This information only applies to the material as manufactured. Processing, use, or contamination may make the information in appropriate, inaccurate, or incomplete. Responsibility for proper waste disposal is with the owner of the waste.

Section 14 - Transport Information

DOT Non-Bulk Shipping Name: Not Regulated UN#: N/A
DOT Bulk Shipping Name: Not Regulated Packing Group: N/A
Technical Shipping Name: Mercaptan/Amine blend IMO Shipping Data: Not Regulated
DOT Hazard Class: N/A ICAO/IATA Shipping Data: Not Regulated

Section 15 - Regulatory Information

US FEDERAL REGULATIONS:

Toxic Substances Control Act (TSCA): All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory or are not required to be listed on the TSCA Inventory.
OSHA (29CFR1910.1200) Hazard Class(es): Sensitizer.
EPCRA Section 312 (40CFR370) Hazard Classes: Immediate Health hazard. Delayed Health Hazard.
EPCRA Section 313 (40CFR372): Toxic chemicals above "de minimus" level (% by weight): Ethylene glycol (<1%)

STATE REGULATIONS:

California Proposition 65 Substances: (components known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986"). None

INTERNATIONAL REGULATIONS

Canada: WHMIS Hazard Classification: Class D, Division 2A
Class D, Division 2B
WHMIS Risk Phrases: Skin Sensitizer. Lung sensitizer.
WHMIS Symbols: Stylized T

Section 16 - Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither Concrete Materials and Equipment LLC nor any of its agents assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

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Replaces Revision Dated: NA