



# Safety Data Sheet

## EM 5-2

Revision Date:  
12/12/2021 Version: 2.0

### 1. Product and Company Identification

**Product Name: EM5-2 (Part A)**

**Company Identification:**  
Pilgrim Permocoat, Inc..  
402 S 22nd Street  
Tampa, FL 33605  
Contact Phone: 1-800-637-3328  
(6:00a.m. – 5:00p.m. EST)

**Emergency Phone:**  
Chemtrec: 1.800.262.8200  
(24hrs)

### 2. Hazards Identification (Part A)

#### GHS Classification

Health	Physical	Environmental
Skin Sensitizer - Cat. 1B Skin Irritant - Cat. 2 Eye Irritant - Cat. 2	Not Classified	Toxic to Aquatic Life Cat-2

GHS Label:

**Warning:**



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Avoid contact with the skin and eyes  
Avoid prolonged and/or repeated contact with skin  
Wear protective clothing  
Use with adequate ventilation

#### Primary Route of Exposure

Eyes, skin and inhalation

#### Carcinogenicity

This product contains titanium dioxide which IARC has classified as a Group 2B carcinogen (possibly carcinogenic to humans). Evidence is based on sufficient animal testing as a result of long-term inhalation at high concentrations of respirable amounts of titanium dioxide. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, **this classification is not relevant**. Note: sanding of this product will create a possible dust hazard.

This product or one of its ingredients present at 0.1% or more IS listed as a carcinogen or suspect carcinogen by NTP, IARC, Prop 65 or OSHA.



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### 3. Composition/ Information on Ingredients (Part A)

<u>CAS Number</u>	<u>Content %</u>	<u>Chemical Name</u>
25085-998	90 – 95	Diglycidyl Ether of Bisphenol A
Proprietary	1 – 5	Non-Hazardous Proprietary Ingredients

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### 4. First Aid Measures (Part A)

**Inhalation:** Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.

**Skin:** Remove contaminated clothing. Wash with mild soap and water. Get medical attention if skin irritation or dermatitis persists.

**Ingestion:** Give plenty of water. DO NOT induce vomiting. Call a physician immediately.

**Other:** Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure. If sensitization occurs, future contact with the material should be avoided.

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### 5. Fire Fighting Measures (Part A)

Flash Point: >148°C (300°F)  
Flammability: Non- Flammable

#### **Extinguisher Media**

Carbon Dioxide, Dry Chemical, Water Fog

#### **Unusual Fire and Explosion Hazard**

None Known

#### **Special Fire Fighting Procedures**

Firefighters must wear self-contained breathing apparatus and full protective clothing to prevent contact with toxic and/or irritating fumes.

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### 6. Accidental Release Measures (Part A)

#### **Personal Precautions:**

Avoid all personal contact. In enclosed areas, cleanup personnel should wear self-contained breathing apparatus.

#### **Environmental Precautions**

Avoid all personal contact, scoop up with spade and place in disposable metal container.

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### 7. Handling and Storage (Part A)

Store in a cool dry place out of direct rays of the sun. Keep from freezing. Recommended storage temperatures range in between 4° and 35° C (40°F and 95° F).

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### 8. Exposure Control and Personal Protection (Part A)

#### Exposure Guidelines

Component	CAS #	OSHA, PEL	ACGIH, TWA
NA			

**Engineering Measures:** Use local and general exhaust ventilation to maintain airborne concentrations below TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

#### Personal Protective Equipment

##### **Respiratory Protection**

None normally required. Use a NIOSH – approved organic vapor chemical cartridge Respirator when air movement is inadequate to control vapor build-up.

##### **Eye/Face Protection**

Wear splash proof chemical goggles/ full face shield if there is a potential for splashing.

##### **Skin / Body Protection**

Wear Suitable gloves (neoprene, nitrile rubber or PVC).

##### **Other Protective Clothing or Equipment**

Wear appropriate apparel to prevent skin contact.

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### 9. Physical and Chemical Properties (Part A)

Appearance:	Amber Liquid
Evaporation Rate:	Non-volatile
Odor:	Slight Odor
Water Solubility:	Insoluble
Specific Gravity (H2O=1):	1.58
Vapor Density (Air=1):	Non-volatile
Vapor Pressure:	N/A
VOC Content:	0 g/l
pH:	N/D
Boiling Point:	N/A



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### 10. Stability and Reactivity (Part A)

Stability:	Stable.
Hazardous Reactions:	Non-hazardous when stored and handled according to instructions.
Thermal Decomposition:	Stable under normal conditions.
Incompatibility:	Strong acids, peroxides and other oxidizing agents.
Conditions to avoid:	Exposure to excessive heat and storage above 35°C (95°F) will shorten shelf life.

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### 11. Toxicological Information (Part A)

**Acute Oral Toxicity:**

Not Determined

**Acute Dermal Toxicity:**

Not Determined

**Acute Inhalation Toxicity:**

Not Determined

**Skin Irritation:**

Irritant

The product has not been tested. The statement has been derived from the properties of the individual components.

**Eye Irritation:**

Irritant

The product has not been tested. The statement has been derived from the properties of the individual components.

**Respiratory Irritation:**

Inhalation of vapors or mists may cause irritation to the respiratory system.

**Sensitization:**

May cause allergic skin

**Carcinogenicity Classification:**

None

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### 12. Ecological Information (Part A)

#### Acute Toxicity for:

##### **Fish:**

Diglycidyl Ether of Bisphenol A:  
Fathead minnow/LC50 (96hrs): >3.1mg/l

##### **Aquatic Invertebrates:**

Diglycidyl Ether of Bisphenol A:  
Water Flea Daphnis/EC 50 (48hrs): > 1.4mg/l

##### **Algae:**

No Data Available

##### **Microorganisms:**

Diglycidyl Ether of Bisphenol A:  
Bacteria, (Growth inhibition)/IC50 (18hrs): > 42.6mg/l

##### **Mobility:**

Considering the use of the substance, it is unlikely that significant environmental exposure in the air or water will arise.

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### 13. Disposal Considerations (Part A)

If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.

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### 14. Transportation Information (Part A)

This product is not regulated as a hazardous material for transportation.

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### 15. Regulatory Information (Part A)

HMIS Rating	
Health	*2
Flammability	1
Physical Hazard	0
PPE	B

#### NFPA Rating



**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

#### Federal Regulations:

SARA Title 313

Chronic Health Hazard



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CA Prop 65

None

TSCA

Listed

### State Regulations:

State RTK

NA

CAS #

NA

Chemical Name

NA

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### 16. Other Information (Part A)

**Hazard Communication:** This SDS has been prepared in accordance with the federal OSHA Hazard Communication Standard.

To the best of our knowledge, the information contained herein is accurate. However, Pilgrim Permocoat, Inc. does not assume any liability whatsoever to 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 hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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### 1. Product and Company Identification

**Product Name: EM 5-2 (Part B)**

Pilgrim Permocoat, Inc..

402 S 22nd Street  
Tampa, FL 33605  
Contact Phone: 1-800-637-3328  
(6:00a.m. – 5:00p.m. EST)1880  
(9:00a.m. – 5:00p.m. EST)

**Emergency Phone:**

Chem-Tel:  
1.800.255.3924 (24hrs)

### 2. Hazards Identification (Part B)

GHS Classification

Health	Physical	Environmental
Skin Corrosion Cat 1 Serious Eye Damage Cat 1 Reproductive Tox Cat 2	Not Classified	Toxic to Aquatic Life Cat-2

GHS Label:

**Danger:**



Corrosive to skin and eyes  
Skin irritant



Reproductive toxicity

**Emergency Overview**

Causes skin burns  
Causes severe eye damage  
Heated vapors can cause irritation  
Avoid contact with the skin and eyes  
Avoid breathing fume/gas/mist/vapors/spray  
Wear protective gloves/ protective clothing/ eye protection/ face protection  
Use outdoors or in a well-ventilated area

**Primary Route of Exposure**

Eyes, skin and inhalation

**Carcinogenicity**

None

### 3. Composition/ Information on Ingredients (Part B)



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<u>CAS Number</u>	<u>Content %</u>	<u>Chemical Name</u>
140-31-8	5 – 10	n-aminoethylpiperazine
84852-15-3	10 – 20	Nonylphenol
Proprietary	60 - 80	Non-Hazardous Proprietary Ingredients

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#### 4. First Aid Measures (Part B)

**Inhalation:** Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.

**Skin:** Remove contaminated clothing. Wash with mild soap and water. Get medical attention if skin irritation or dermatitis persists.

**Ingestion:** Give plenty of water. DO NOT induce vomiting. Call a physician immediately.

**Other:** Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure. If sensitization occurs, future contact with the material should be avoided.

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#### 5. Fire Fighting Measures (Part B)

Flash Point: >93°C (>200°F)  
Flammability: Non- Flammable

##### Extinguisher Media

Carbon Dioxide, Dry Chemical, Water Fog

##### Unusual Fire and Explosion Hazard

None Known

##### Special Fire Fighting Procedures

Firefighters must wear self-contained breathing apparatus and full protective clothing to prevent contact with toxic and/or irritating fumes.

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#### 6. Accidental Release Measures (Part B)

##### Personal Precautions:

Avoid all personal contact. In enclosed areas, cleanup personnel should wear self-contained breathing apparatus.

##### Environmental Precautions

Avoid all personal contact, scoop up with spade and place in disposable metal container.

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#### 7. Handling and Storage (Part B)





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Store in a cool dry place out of direct rays of the sun. Keep from freezing. Recommended storage temperatures range in between 4° and 35° C (40°F and 95° F).

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### 8. Exposure Control and Personal Protection (Part B)

#### Exposure Guidelines

**Engineering Measures:** Use local and general exhaust ventilation to maintain airborne concentrations below TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

#### Personal Protective Equipment

##### **Respiratory Protection**

None normally required. Use a NIOSH – approved organic vapor chemical cartridge Respirator when air movement is inadequate to control vapor build-up.

##### **Eye/Face Protection**

Wear splash proof chemical goggles/ full face shield if there is a potential for splashing.

##### **Skin / Body Protection**

Wear Suitable gloves (neoprene, nitrile rubber or PVC).

##### **Other Protective Clothing or Equipment**

Wear appropriate apparel to prevent skin contact.

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### 9. Physical and Chemical Properties (Part B)

Appearance:	Amber Liquid
Evaporation Rate:	Non-volatile Slight
Odor:	Amine Odor
Water Solubility:	Insoluble
Specific Gravity (H2O=1):	1.69
Vapor Density (Air=1)	Non-volatile
Vapor Pressure:	N/A
VOC Content:	0 g/l
pH:	N/D
Boiling Point:	N/A

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### 10. Stability and Reactivity (Part B)

Stability: Stable.

Hazardous Reactions: Non-hazardous when stored and handled according to instructions.



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Thermal Decomposition:	Stable under normal conditions.
Incompatibility:	Strong acids, peroxides and other oxidizing agents.
Conditions to avoid:	Exposure to excessive heat and storage above 35°C (95°F) will shorten shelf life.

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### 11. Toxicological Information (Part B)

**Acute Oral Toxicity:**

Not Determined

**Acute Dermal Toxicity:**

Not Determined

**Acute Inhalation Toxicity:**

Not Determined

**Skin Irritation:**

Corrosive to skin

The product has not been tested. The statement has been derived from the properties of the individual components.

**Eye Irritation:**

Severe damage to eyes.

The product has not been tested. The statement has been derived from the properties of the individual components.

**Respiratory Irritation:**

Inhalation of vapors or mists may cause irritation to the respiratory system.

**Sensitization:**

May cause allergic skin reaction and irritation to the respiratory system.

The product has not been tested. The statement has been derived from the properties of the individual components.

**Maternal Toxicity:**

Nonylphenol causes maternal toxic effects per animal testing.

**Carcinogenicity Classification:**

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspect carcinogen by NTP, IARC, Prop 65 or OSHA.

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### 12. Ecological Information (Part B)

**Acute Toxicity for:**

**Fish:**



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Nonylphenol:  
Fathead minnow/LC50 (96hrs): 0.135mg/l

### Aquatic Invertebrates:

Nonylphenol:  
Water Flea Daphnis/EC 50 (48hrs): 0.14mg/l

### Algae:

Nonylphenol:  
Green Algae/EC 50 (96hrs): 0.41mg/l

### Microorganisms:

No Data Available

### Mobility:

Considering the use of the substance, it is unlikely that significant environmental exposure in the air or water will arise.

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## 13. Disposal Considerations (Part B)

If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.

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## 14. Transportation Information (Part B)

### DOT (US)

**CARTRIDGE:** Limited Quantity, LTD QTY

**BULK –** Corrosive Liquid, N.O.S. (amines) Class 8, UN 2735, PG III

### IATA/ICAO

**CARTRIDGE/BULK:** Corrosive Liquid, N.O.S. (amines) Class 8, UN 2735, PG III

### IMDG

**CARTRIDGE/BULK:** Corrosive Liquid, N.O.S. (amines) Class 8, UN 2735, PG III

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## 15. Regulatory Information (Part B)

HMIS Rating	
Health	*2
Flammability	1
Physical Hazard	0
PPE	B





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**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

### Federal Regulations:

SARA Title 313	Acute Health Hazard
CA Prop 65	Not Regulated
TSCA	Listed

### State Regulations:

<u>State RTK</u>	<u>CAS #</u>	<u>Chemical Name</u>
NJ, MA, PA	140-31-8	n-aminoethylpiperazine

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## 16. Other Information

**Hazard Communication:** This SDS has been prepared in accordance with the federal OSHA Hazard Communication Standard.

To the best of our knowledge, the information contained herein is accurate. However, Pilgrim Permocoat, Inc. does not assume any liability whatsoever to 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 hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.