



Safety Data Sheet

EM 5-2 GEL

Created On: 06/15/2014

Revision Date:

06/04/2015 Version: 2.0

1. Product and Company Identification

Product Name: EM5-2 GEL (Part A)

Company Identification:

Pilgrim Permocoat, Inc..

402 S 22nd Street

Tampa, FL 33605

Contact Phone: 1.800.800-637-3328

(6:00a.m. – 5:00p.m. EST)

Emergency Phone:

Chem-Tel:

1.800.255.3924 (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:



Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation



Toxic to aquatic life with long lasting effects

Precautionary Statement:

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

Other hazards

No data available



Safety Data

Sheet EM 5-2 GEL

Created On: 06/15/2014

Revision Date:

06/04/2015 Version: 2.0

3. Composition/ Information on Ingredients (Part A)

<u>CAS Number</u>	<u>Content %</u>	<u>Chemical Name</u>
25085-99-8	40 – 70	Diglycidyl Ether of Bisphenol A
Proprietary	30 – 50	Non-Hazardous Proprietary Ingredients

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.

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.

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.



Safety Data Sheet

EM 5-2 GEL

Created On: 06/15/2014

Revision Date:

06/04/2015 Version: 2.0

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).

8. Exposure Control and Personal Protection (Part A)

Exposure Guidelines

Exposure limits are listed below, if they exist.

None established

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.

9. Physical and Chemical Properties (Part A)

Appearance:	Gray Paste
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



Safety Data Sheet

EM 5-2 GEL

Created On: 06/15/2014

Revision Date:

06/04/2015 Version: 2.0

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.

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 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.

Carcinogenicity



Safety Data Sheet

EM 5-2 GEL

Created On: 06/15/2014

Revision Date:

06/04/2015 Version: 2.0

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.

13. Disposal Considerations (Part A)

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

14. Transportation Information (Part A)

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

15. Regulatory Information (Part A)

HMIS Rating	
Health	1
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



Safety Data Sheet

EM 5-2 GEL

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06/04/2015 Version: 2.0

CA Prop 65

This product does not contain chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

TSCA

Listed

State Regulations:

State RTK
NJ, MA, PA

To the best of our knowledge this product does not contain chemicals at levels which require reporting under these statutes.

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 GEL (Part B)

Pilgrim Permocoat, Inc..

402 S 22nd Street

Tampa, FL 33605

Contact Phone: .800-637-3328

(6:00a.m. – 4:00p.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

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

3. Composition/ Information on Ingredients (Part B)



Safety Data Sheet

EM 5-2 GEL

Created On: 06/15/2014

Revision Date:

06/04/2015 Version: 2.0

<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

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.

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.

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.

7. Handling and Storage (Part B)



Safety Data Sheet

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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).

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.

9. Physical and Chemical Properties (Part B)

Appearance:	Off-White Paste
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

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.

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 irritatin 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 is NOT listed as a carcinogen or suspect carcinogen by NTP, IARC, Prop 65 or OSHA.

12. Ecological Information (Part B)

Acute Toxicity for:

Fish:



Safety Data Sheet

EM 5-2 GEL

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Revision Date:

06/04/2015 Version: 2.0

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.

13. Disposal Considerations (Part B)

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

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

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:

State RTK
NJ, MA, PA

CAS #
140-31-8

Chemical Name
n-aminoethylpiperazine

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.