



Material Safety Data Sheet

Material Name: Planiseal EMB - Part A

ID: NDM0019

*** Section 1 - Chemical Product and Company Identification ***

Material Name: Planiseal EMB - Part A

Product Use

Flooring Adhesive

Manufacturer Information

USA and Puerto Rico

MAPEI

1144 East Newport Center Drive

Deerfield Beach, FL 33442

Phone: 1-954-246-8888

Canada

MAPEI

2900 Francis-Hughes Avenue

Laval, QC H7L 3J5

Phone: 1-450-662-1212

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPLOSION, EXPOSURE OR ACCIDENT, CONTACT THE FOLLOWING NUMBERS:

Emergency 24 hour numbers:

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-631-996-6666

*** Section 2 - Hazards Identification ***

Emergency Overview

This product has been evaluated using criteria specified in 29CFR 1910.1200 (Hazard Communication Standard).

This product may cause sensitization by skin contact.

Hazard Statements

CAUTION! ALLERGEN. This product may cause sensitization by inhalation and skin contact. Wear suitable gloves, eye/face protection, and respiratory protection. Keep out of the reach of children.

Potential Health Effects: Eyes

This product is irritating to the eyes.

Potential Health Effects: Skin

This product may cause irritation to the skin. Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.

Potential Health Effects: Ingestion

Acute ingestion may result in mild gastrointestinal distress.

Potential Health Effects: Inhalation

This product may be harmful by inhalation.

Medical Conditions Aggravated by Exposure

Hypersensitivity to product, allergies, and skin or respiratory disorders

Potential Environmental Effects

None identified.

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 0 Pers. Prot.: safety glasses, gloves

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
25085-99-8	Epoxy Resin	60-100
28064-14-4	Epoxy resin	10-30
Proprietary	Alkyl Epoxy Resin	7-13

Material Safety Data Sheet

Material Name: Planiseal EMB - Part A

ID: NDM0019

Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Glycidyl ethers.

Component Information/Information on Non-Hazardous Components

* * * Section 4 - First Aid Measures * * *

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

First Aid: Skin

Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction. For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

First Aid: Ingestion

For ingestion, flush out mouth with water. If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

First Aid: Inhalation

This product may cause irritation to the skin. If inhaled, immediately remove the affected person to fresh air. If the affected person is not breathing, apply artificial respiration. If symptoms persist, get medical attention.

First Aid: Notes to Physician

Provide general supportive measures and treat symptomatically.

* * * Section 5 - Fire Fighting Measures * * *

General Fire Hazards

See Section 9 for Flammability Properties.

This product is combustible at high temperatures.

Hazardous Combustion Products

Irritating and toxic gases or fumes may be released during a fire. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Dry chemical (preferred), foam, water.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 2 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

* * * Section 6 - Accidental Release Measures * * *

Personal Precautions

Wear appropriate protective equipment and clothing during clean-up.

Containment Procedures

Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. Scoop up used absorbent into drums or other appropriate container.

Environmental Precautions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Clean-Up Procedures

Attempt to reclaim the free product, if this is possible. Shovel the material into waste container. Thoroughly wash the area with water after a spill or leak clean-up. Wear appropriate protective equipment and clothing during clean-up.

Evacuation Procedures

None identified.

Special Procedures

Regulations vary. Consult local authorities before disposal.

Material Safety Data Sheet

Material Name: Planiseal EMB - Part A

ID: NDM0019

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid getting this material into contact with your skin and eyes. Use this product with adequate ventilation. Wash hands after handling and before eating. Keep out of the reach of children.

Storage Procedures

Store at ambient temperature and atmospheric pressure. Store away from strong oxidizers.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

ACGIH, OSHA, NIOSH or the provinces of Canada have not developed exposure limits for any of this product's components.

Engineering Controls

Use general ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields.

Personal Protective Equipment: Skin

The use of nitrile-latex gloves is recommended.

Personal Protective Equipment: Respiratory

Not normally needed. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

Personal Protective Equipment: General

Laundry contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Creamy Paste	Odor:	Slight Hydrocarbon Odor
Physical State:	Paste	pH:	7-11
Vapor Pressure:	N/A	Vapor Density:	N/A
Boiling Point:	N/A	Melting Point:	N/A
Solubility (H2O):	N/A	Specific Gravity:	1.2- 1.5
Evaporation Rate:	N/A	VOC:	5 g/L
Octanol/H2O Coeff.:	N/A	Flash Point:	>200F
Flash Point Method:	Closed cup	Upper Flammability Limit (UFL):	N/A
Lower Flammability Limit (LFL):	N/A	Burning Rate:	N/A
Auto Ignition:	N/A		

Physical Properties: Additional Information

The data provided in this section is to be used for product safety handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for chemical and physical data for determinations of quality and for formulation purposes.

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Do not freeze.

Incompatibility

This product may react with strong oxidizing agents.

Material Safety Data Sheet

Material Name: Planiseal EMB - Part A

ID: NDM0019

Hazardous Decomposition

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Alkyl (C12-14) Glycidyl Ether (Proprietary)

Oral LD50 Rat: 17100 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Sensitization

This product may cause sensitization by prolonged skin contact.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

International Transportation Regulations

Not regulated as dangerous goods.

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

All components are on the U.S. EPA TSCA Inventory List. All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List unless otherwise noted.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

Material Safety Data Sheet

Material Name: Planiseal EMB - Part A

ID: NDM0019

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Bisphenol A Diglycidyl Ether (related to Glycidyl ethers)	25085-99-8	No	No	Yes ₁	No	No	No
Bisphenol F Diglycidyl Ether (related to Glycidyl ethers)	28064-14-4	No	No	Yes ₁	No	No	No
Alkyl (C12-14) Glycidyl Ether (related to Glycidyl ethers)	Proprietary	No	No	Yes ₁	No	No	No

Canadian WHMIS Information

A: General Product Information



B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

WHMIS Classification: D2B

Additional Regulatory Information

A: General Product Information

Supplier(s) of proprietary component(s) state that these components are contained on the TSCA inventory.

B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Bisphenol A Diglycidyl Ether	25085-99-8	Yes	DSL	No
Bisphenol F Diglycidyl Ether	28064-14-4	Yes	DSL	No
Alkyl (C12-14) Glycidyl Ether	Proprietary	Yes	DSL	EINECS

* * * Section 16 - Other Information * * *

Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

NA = Not available or Not Applicable. NFPA = National Fire Protection Association. HMIS = Hazardous Material Information System. CFR = Code of Federal Regulations. EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

Contact: Product Safety Specialist

Contact Phone: 1-954-246-8888

End of Sheet NDM0019



Material Safety Data Sheet

Material Name: Planiseal EMB - Part B

ID: NDM0018

*** Section 1 - Chemical Product and Company Identification ***

Material Name: Planiseal EMB - Part B

Product Use

Moisture Vapor Barrier

Manufacturer Information

USA and Puerto Rico

MAPEI

1144 East Newport Center Drive

Deerfield Beach, FL 33442

Phone: 1-954-246-8888

Canada

MAPEI

2900 Francis-Hughes Avenue

Laval, QC H7L 3J5

Phone: 1-450-662-1212

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPLOSION, EXPOSURE OR ACCIDENT, CONTACT THE FOLLOWING NUMBERS:

Emergency 24 hour numbers:

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-631-996-6666

*** Section 2 - Hazards Identification ***

Emergency Overview

This product has been evaluated using criteria specified in 29CFR 1910.1200 (Hazard Communication Standard). Contact with this material will cause irritation and burns to the skin and eyes.

Hazard Statements

DANGER! CORROSIVE. Causes burns to the skin and eyes. Irritating to respiratory system. Wear suitable gloves, eye/face protection, and respiratory protection. Keep out of the reach of children.

Potential Health Effects: Eyes

This product is severely irritating to the eyes and may cause eye burns.

Potential Health Effects: Skin

This product is severely irritating to the skin and may cause burns.

Potential Health Effects: Ingestion

Acute ingestion may result in mild gastrointestinal distress.

Potential Health Effects: Inhalation

This product is irritating to the respiratory system.

Medical Conditions Aggravated by Exposure

Hypersensitivity to product, allergies, and skin or respiratory disorders

Potential Environmental Effects

None identified.

HMIS Ratings: Health: 3 Fire: 1 Reactivity: 0 Pers. Prot.: Safety glasses, gloves

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
100-51-6	Benzyl alcohol	30-60
2855-13-2	Isophorone diamine	15-40
140-31-8	1-(2-Aminoethyl) piperazine	15-40
Proprietary	Proprietary amine	7-13
Proprietary	Proprietary amine	7-13

Material Safety Data Sheet

Material Name: Planiseal EMB - Part B

ID: NDM0018

Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Benzyl alcohol (1336-27-2), Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (116723-72-9), 1,3-Benzenedimethanamine.

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

First Aid: Skin

For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

First Aid: Ingestion

For ingestion, flush out mouth with water. Get medical attention or advice. Do not induce vomiting.

First Aid: Inhalation

If inhaled, immediately remove the affected person to fresh air. If the affected person is not breathing, apply artificial respiration. If symptoms persist, get medical attention.

First Aid: Notes to Physician

Provide general supportive measures and treat symptomatically.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

This product is combustible at high temperatures.

Hazardous Combustion Products

Irritating and toxic gases or fumes may be released during a fire. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Dry chemical (preferred), foam, water.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 3 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Personal Precautions

Wear appropriate protective equipment and clothing during clean-up.

Containment Procedures

Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. Scoop up used absorbent into drums or other appropriate container.

Environmental Precautions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Clean-Up Procedures

Attempt to reclaim the free product, if this is possible. Shovel the material into waste container. Thoroughly wash the area with water after a spill or leak clean-up. Wear appropriate protective equipment and clothing during clean-up.

Evacuation Procedures

None identified.

Special Procedures

Regulations vary. Consult local authorities before disposal.

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid getting this material into contact with your skin and eyes. Avoid breathing vapors or mists of this product. Wash hands after handling and before eating. Keep out of the reach of children.

Material Safety Data Sheet

Material Name: Planiseal EMB - Part B

ID: NDM0018

Storage Procedures

Store at ambient temperature and atmospheric pressure. Store away from strong oxidizers.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

m-Xylene- α , α' -diamine (Proprietary)

ACGIH:	0.1 mg/m3 Ceiling Skin - potential significant contribution to overall exposure by the cutaneous route
NIOSH:	0.1 mg/m3 Ceiling Potential for dermal absorption
Alberta:	0.1 mg/m3 Ceiling Substance may be readily absorbed through intact skin
British Columbia:	0.1 mg/m3 Ceiling Skin notation
Manitoba:	0.1 mg/m3 Ceiling
New Brunswick:	0.1 mg/m3 Ceiling Skin - potential for cutaneous absorption
NW Territories:	0.1 mg/m3 Ceiling
Nova Scotia:	0.1 mg/m3 Ceiling Skin - potential significant contribution to overall exposure by the cutaneous route
Nunavut:	0.1 mg/m3 Ceiling
Ontario:	0.1 mg/m3 CEV Absorption through skin, eyes, or mucous membranes
Quebec:	0.1 mg/m3 Ceiling Skin designation
Saskatchewan:	0.1 mg/m3 Ceiling
Yukon:	0.1 mg/m3 Ceiling

Engineering Controls

Use general ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields.

Personal Protective Equipment: Skin

The use of nitrile-latex gloves is recommended.

Personal Protective Equipment: Respiratory

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

Personal Protective Equipment: General

Launder contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

*** Section 9 - Physical & Chemical Properties ***

Material Safety Data Sheet

Material Name: Planiseal EMB - Part B

ID: NDM0018

Appearance:	Brown Liquid	Odor:	Amine odor
Physical State:	Liquid	pH:	10-12
Vapor Pressure:	N/A	Vapor Density:	N/A
Boiling Point:	N/A	Melting Point:	N/A
Solubility (H2O):	Soluble	Specific Gravity:	1.0 - 1.2
Evaporation Rate:	N/A	VOC:	N/A
Octanol/H2O Coeff.:	N/A	Flash Point:	>200F
Flash Point Method:	CC	Upper Flammability Limit (UFL):	N/A
Lower Flammability Limit (LFL):	N/A	Burning Rate:	N/A
Auto Ignition:	N/A		

Physical Properties: Additional Information

The data provided in this section is to be used for product safety handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for chemical and physical data for determinations of quality and for formulation purposes.

* * * Section 10 - Chemical Stability & Reactivity Information * * *

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Do not freeze.

Incompatibility

This product may react with strong oxidizing agents.

Hazardous Decomposition

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Possibility of Hazardous Reactions

Will not occur.

* * * Section 11 - Toxicological Information * * *

Acute Dose Effects

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Benzyl alcohol (100-51-6)

Inhalation LC50 Rat: 8.8 mg/L/4H; Oral LD50 Rat:1230 mg/kg; Dermal LD50 Rabbit:2000 mg/kg

Isophorone diamine (2855-13-2)

Oral LD50 Rat: 1030 mg/kg

1-(2-Aminoethyl) piperazine (140-31-8)

Oral LD50 Rat: 2140 mg/kg; Dermal LD50 Rabbit:880 mg/kg

m-Xylene- α , α' -diamine (Proprietary)

Inhalation LC50 Rat: 700 ppm/1H; Oral LD50 Rat:930 mg/kg; Dermal LD50 Rabbit:2000 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Material Safety Data Sheet

Material Name: Planiseal EMB - Part B

ID: NDM0018

Sensitization

No information available for the product.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Benzyl alcohol (100-51-6)

Test & Species		Conditions
96 Hr LC50 Pimephales promelas	460 mg/L	[static]
96 Hr LC50 Lepomis macrochirus	10 mg/L	[static]
3 Hr EC50 Anabaena variabilis	35 mg/L	
48 Hr EC50 water flea	23 mg/L	

Isophorone diamine (2855-13-2)

Test & Species		Conditions
96 Hr LC50 Leuciscus idus	110 mg/L	[semi-static]
72 Hr EC50 Scenedesmus subspicatus	37 mg/L	
24 Hr EC50 Daphnia magna	42 mg/L	

1-(2-Aminoethyl) piperazine (140-31-8)

Test & Species		Conditions
96 Hr LC50 Pimephales promelas	1950-2460 mg/L	[flow-through]
96 Hr LC50 Poecilia reticulata	>1000 mg/L	[semi-static]
96 Hr LC50 Oncorhynchus mykiss	>=100 mg/L	[semi-static]
72 Hr EC50 Selenastrum capricornutum	495 mg/L	
48 Hr EC50 Daphnia magna	32 mg/L	

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

No information available for the product.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Amines, liquid, corrosive, n.o.s. (Isophorone diamine , Proprietary amine , 1-(2-Aminoethyl) piperazine , Proprietary amine , Amine)

UN/NA #: UN2735 **Hazard Class:** 8 **Packing Group:** III

IATA Information

Shipping Name: Amines, liquid, corrosive, n.o.s. (Isophorone diamine , Proprietary amine , 1-(2-Aminoethyl) piperazine , Proprietary amine , Amine)

UN #: UN2735 **Hazard Class:** 8 **Packing Group:** III

Material Safety Data Sheet

Material Name: Planiseal EMB - Part B

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TDG Information

Shipping Name: Amines, liquid, corrosive, n.o.s. (Isophorone diamine , Proprietary amine , 1-(2-Aminoethyl) piperazine , Proprietary amine , Amine)

UN/NA #: UN2735 **Hazard Class:** 8 **Packing Group:** III

* * * Section 15 - Regulatory Information * * *

US Federal Regulations

A: General Product Information

All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List unless otherwise noted. All components are on the U.S. EPA TSCA Inventory List.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Benzyl alcohol	100-51-6	No	Yes	Yes	No	Yes	No
Isophorone diamine	2855-13-2	No	No	No	Yes	No	No
1-(2-Aminoethyl) piperazine	140-31-8	No	Yes	No	Yes	Yes	No
m-Xylene- α , α' -diamine	Proprietary	Yes	Yes	Yes	Yes	Yes	Yes

Canadian WHMIS Information

A: General Product Information



B: Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Benzyl alcohol	100-51-6	1 %
Isophorone diamine	2855-13-2	1 %
1-(2-Aminoethyl) piperazine	140-31-8	1 %
m-Xylene- α , α' -diamine	Proprietary	1 %

Additional Regulatory Information

A: General Product Information

Supplier(s) of proprietary component(s) state that these components are contained on the TSCA inventory.

Material Safety Data Sheet

Material Name: Planiseal EMB - Part B

ID: NDM0018

B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Benzyl alcohol	100-51-6	Yes	DSL	EINECS
Isophorone diamine	2855-13-2	Yes	DSL	EINECS
1-(2-Aminoethyl) piperazine	140-31-8	Yes	DSL	EINECS
1,5-Pentanediamine, 2-methyl-	Proprietary	Yes	DSL	EINECS
m-Xylene- α , α' -diamine	Proprietary	Yes	DSL	EINECS

* * * Section 16 - Other Information * * *

Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

NA = Not available or Not Applicable. NFPA = National Fire Protection Association. HMIS = Hazardous Material Information System. CFR = Code of Federal Regulations. EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

Contact: Product Safety Specialist

Contact Phone: 1-954-246-8888

End of Sheet NDM0018