

SECTION 1. IDENTIFICATION

Product identifier	Passeport Elite Industrial Moisture Vapor Barrier and Contaminated Concrete Floor Coating - Part B PE700897
Other Means of Identification	SCI-100 HD-MVB-B
Recommended Use	Moisture Vapor Barrier and Contaminated Concrete Floor Epoxy Coating System
UN/ID No	UN3267
Restrictions on Use	Unknown
Supplier Identifier	SCI COATINGS INC. 8320 Rue Grenache, Anjou, Québec Canada H1J 1C5 www.scicoatings.com
Emergency Phone No.	24-Hour Emergency Telephone Number Canada (CANUTEC): (613) 996-6666

SECTION 2. HAZARD IDENTIFICATION

Classification	Acute toxicity - Inhalation (Dusts/Mists) - Category 4 Skin corrosion/irritation - Category 1 Sub-category B Serious eye damage/eye irritation - Category 1 Respiratory sensitization - Category 1 Skin sensitization - Category 1
Label Elements	
Signal Word	Danger
Hazard Statements	Harmful if inhaled Causes severe skin burns and eye damage May cause allergy or asthma symptoms or breathing difficulties if inhaled May cause an allergic skin reaction
Precautionary statements	Prevention: Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection Contaminated work clothing must not be allowed out of the workplace



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Reponse:

Immediately call a poison center or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention .
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage:

Store locked up.

Disposal:

Dispose of contents/container to an approved waste disposal plant.

Other Hazards:

Harmful to aquatic life with long lasting effects.

SECTION 3. COMPOSITION

Chemical Name	CAS No.	% concentration
Diethylene triamine	111-40-0	1-5%
Benzyl alcohol	100-51-6	1-5%
Ethylene diamine	107-15-3	1-5%

SECTION 4. FIRST-AID MEASURES**First-aid Measures**

General Advice: Immediately call a poison center or doctor/physician.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
Skin Contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
Ingestion: Rinse mouth. Do NOT induce vomiting.

Most Important Symptoms and Effects, Acute and Delayed

Harmful if inhaled. Causes severe skin burns and eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media
Suitable Extinguishing Media
In case of fire: water fog, foam, dry chemical powder, carbon dioxide (CO2)
Unsuitable Extinguishing Media
Water jet

Specific Hazards Arising from the Product
During fire, nitrous gases, fumes/smoke, isocyanates and vapour may be formed.

Special Protective Equipment and Precautions for Fire-fighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures
Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

Environmental precautions
See Section 12 for additional Ecological Information.

Methods and Materials for Containment and Clean up
Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up
For containment, ensure adequate ventilation and absorb any spill with inert liquid binding material and dispose of waste safely.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling
Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing must not be allowed out of the workplace.

Conditions for Safe Storage
Storage Conditions
Store locked up.

Incompatible Materials
Strong oxidizing agents. Strong acids.



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene triamine 111-40-0	TWA: 1 ppm S*	(vacated) TWA: 1 ppm (vacated) TWA: 4 mg/m ³	TWA: 1 ppm TWA: 4 mg/m ³
Ethylene diamine 107-15-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 25 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 25 mg/m ³	IDLH: 1000 ppm TWA: 10 ppm TWA: 25 mg/m ³

Appropriate Engineering Controls

Local exhaust ventilation required. Make up air should be supplied to balance air that is removed by local or general exhaust ventilation. Provide sufficient ventilation to keep vapors below permissible exposure limit. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national / local regulations are observed.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Use tightly sealed goggles or safety glasses with side shields which are resistant to Chemicals. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection

Wear chemical resistant protection gloves. Wear impervious clothing as necessary to protect against coming in contact with product. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection

If insufficient ventilation, wear respiratory protection. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations

Do not eat, drink or smoke during work. Avoid all contact with skin or eye. If clothing comes into contact with material, do not allow out of the workplace. Clean hands and any exposed skin thoroughly after work and before breaks.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Amber liquid
Color	Amber
Odor	Not determined
Odor threshold	Not determined
pH	No data available
Melting point	No data available
Initial Boiling Point / Range	No data available
Flash point	>93 °C / >199.4 °F
Evaporation rate	Not determined
Flammability (solid; gas)	Not determined
Lower flammable/explosive limit	No data available
Upper flammable/explosive limit	No data available
Vapor pressure	Not determined
Vapor density	No data available
Relative density	1.01
Water solubility	Partially soluble
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	No data available
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions
Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	This product will polymerize if mixed with an epoxy resin. Considerable heat can evolve.
Conditions to avoid	Avoid temperatures exceeding the flash point. Epoxy resins under uncontrolled conditions.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	None known based on information supplied.

SECTION 11. TOXICOLOGY INFORMATION

Information on likely routes of exposure
 Eye Contact : Avoid contact with eyes.
 Skin Contact: Avoid contact with skin.
 Inhalation: Harmful if inhaled.
 Ingestion: Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	> 4178 mg/m ³ (Rat) 4 h
Diethylene triamine 111-40-0	= 1080 mg/kg (Rat)	= 672 mg/kg (Rabbit)	= 70 mg/L (Rat) 4 h
Ethylene diamine 107-15-3	= 637 mg/kg (Rat)	= 560 mg/kg (Rabbit)	= 14.7 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics
 Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
 Skin corrosion/irritation: Causes severe skin burns.
 Serious eye damage/eye irritation: Causes severe eye damage.
 Sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
 Carcinogenicity: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity
 The following values are calculated based on chapter 3.1 of the GHS document
 Oral LD50 10,017.50 mg/kg
 Dermal LD50 14,193.50 mg/kg
 Gas 14,000.00 ppm
 ATE mix (inhalation-dust/mist) 1.63 mg/l

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
 Harmful to aquatic life with long lasting effects.

Component information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Benzyl alcohol 100-51-6		LC50: =460mg/L (96h, Pimephales promelas) LC50: =10mg/L (96h, Lepomis macrochirus)	EC50: =23mg/L (48h, water flea)
Diethylene triamine 111-40-0	EC50: =1164mg/L (72h, Pseudokirchneriella subcapitata) EC50: =345.6mg/L (96h, Pseudokirchneriella subcapitata) EC50: =592mg/L (96h, Desmodesmus subspicatus)	LC50: =248mg/L (96h, Poecilia reticulata) LC50: =1014mg/L (96h, Poecilia reticulata)	EC50: =16mg/L (48h, Daphnia magna)
Ethylene diamine 107-15-3	EC50: =645mg/L (72h, Pseudokirchneriella subcapitata) EC50: =151mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 98.6 - 131.6mg/L (96h, Pimephales promelas) LC50: 191 - 254mg/L (96h, Pimephales promelas) LC50: =115.7mg/L (96h, Pimephales promelas) LC50: 180 - 560mg/L (96h, Poecilia reticulata)	EC50: =17mg/L (48h, Daphnia magna)



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Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Benzyl alcohol 100-51-6	1.05
Diethylene triamine 111-40-0	-1.3
Ethylene diamine 107-15-3	-1.221

Other adverse effects

Not determined

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Diethylene triamine 111-40-0	Toxic
Ethylene diamine 107-15-3	Toxic

SECTION 14. TRANSPORT INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No UN3267

Proper Shipping Name Corrosive liquid, Basic, Organic, n.o.s. (Diethylene triamine, Ethylene diamine)

Transport hazard class(es) 8

Packing Group III



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IATA

UN number or ID number UN3267
Proper Shipping Name Corrosive liquid, Basic, Organic, n.o.s. (Diethylene triamine, Ethylene diamine)
Transport hazard class(es) 8
Packing group III

IMDG

UN number or ID number UN3267
Proper Shipping Name Corrosive liquid, Basic, Organic, n.o.s. (Diethylene triamine, Ethylene diamine)
Transport hazard class(es) 8
Packing Group III

SECTION 15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AIIC
Benzyl alcohol	X	ACTIVE	X	X	X	X	X	X	X
Diethylene triamine	X	ACTIVE	X	X	X	X	X	X	X
Ethylene diamine	X	ACTIVE	X	X	X	X	X	X	X

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ethylene diamine 107-15-3	5000 lb	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



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CWA (Clean Water Act)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ethylene diamine 107-15-3	5000 lb	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Chemical name	New Jersey	Massachusetts	Pennsylvania
Benzyl alcohol 100-51-6		X	X
Diethylene triamine 111-40-0	X	X	X
Ethylene diamine 107-15-3	X	X	X

SECTION 16. OTHER INFORMATION

NFPA			
Health hazards	Flammability	Instability	Special hazards
-	-	-	-
HMIS			
Health hazards	Flammability	Physical hazards	Personal Protection
-	-	-	Not determined
Date of Preparation			December 11, 2023
Date of Last Revision			December 12, 2023
Revision note			New format

IMPORTANT NOTICE

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.