

SECTION 1. IDENTIFICATION

Product identifier	Passeport Elite Industrial Moisture Vapor Barrier and Contaminated Concrete Floor Coating - Part A PE700897
Other Means of Identification	SCI-100-HD-MVB-A
Recommended Use	Moisture Vapor Barrier and Contaminated concrete Floor Epoxy Coating System
UN/ID No	3082
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 2
 Serious eye damage/eye irritation - Category 2
 Skin sensitization - Category 1

Label Elements

Signal Word

Warning



Hazard Statements

Harmful if inhaled.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause an allergic skin reaction

Precautionary statements

Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.
 Use only outdoors or in a well-ventilated area.
 Wash face, hands, and any exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Contaminated work clothing must not be allowed out of the workplace



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Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash 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.

Call a poison center or doctor/physician if you feel unwell

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
Polymer of epichlorohydrin and bisphenol A	25085-99-8	60-70%
Neopentyl Glycol diglycidyl ether	17557-23-2	5-10%
Benzyl Alcohol	100-51-6	1-10%
Alkyl (C12-14) glycidyl ether	68609-97-2	1-10%

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

Clean mouth with water and drink afterwards plenty of water.

Skin Contact:

Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Most Important Symptoms and Effects, Acute and Delayed

May be harmful if swallowed. May be harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

Immediate Medical Attention and Special Treatment:**Special Instructions:**

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, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

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
Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. Contaminated work clothing must not be allowed out of the workplace.

Conditions for Safe Storage
Storage Conditions
Store in a cool dry and well-ventilated place. Keep stored in accordance with local, regional, national, and international regulations. Store away from incompatible materials.

Incompatible Materials
Strong oxidizers, strong alkalis, strong mineral acids, amines.



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines
 This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

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

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 gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots. 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 it 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	Clear liquid
Color	Colorless
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	1.14
Water solubility	Partially soluble

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Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition temperature	No data available
Hyphen	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 amine. Considerable heat can evolve.
Conditions to avoid	Avoid temperatures exceeding the flash point. Avoid unintended contact with amines.
Incompatible materials	Strong oxidizers, strong alkalis, strong mineral acids, amines.
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 : May be harmful in contact with skin. Inhalation : Harmful if inhaled. Ingestion : May be harmful if swallowed.																				
Component Information																					
<table border="1"> <thead> <tr> <th>Chemical name</th> <th>Oral LD50</th> <th>Dermal LD50</th> <th>Inhalation LC50</th> </tr> </thead> <tbody> <tr> <td>Polymer of epichlorohydrin and bisphenol A 25085-99-8</td> <td>>2000 mg/kg (rat)</td> <td>>2000 mg/kg (rabbit)</td> <td>-</td> </tr> <tr> <td>Alkyl (C12-14) glycidyl ether 68609-97-2</td> <td>= 17100 mg/kg (Rat)</td> <td>> 3987 mg/kg (Rabbit)</td> <td>-</td> </tr> <tr> <td>Benzyl alcohol 100-51-6</td> <td>= 1230 mg/kg (Rat)</td> <td>= 2 g/kg (Rabbit)</td> <td>> 4178 mg/m³ (Rat) 4 h</td> </tr> <tr> <td>Neopentyl Glycol diglycidyl ether 17557-23-2</td> <td>= 4500 mg/kg (Rat)</td> <td>> 2000 mg/kg (Rat)</td> <td>-</td> </tr> </tbody> </table>	Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Polymer of epichlorohydrin and bisphenol A 25085-99-8	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	-	Alkyl (C12-14) glycidyl ether 68609-97-2	= 17100 mg/kg (Rat)	> 3987 mg/kg (Rabbit)	-	Benzyl alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	> 4178 mg/m ³ (Rat) 4 h	Neopentyl Glycol diglycidyl ether 17557-23-2	= 4500 mg/kg (Rat)	> 2000 mg/kg (Rat)	-	
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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 skin irritation. Serious eye damage/eye irritation : Causes serious eye irritation. 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 <input type="checkbox"/> Oral LD50 2,743.00 mg/kg <input type="checkbox"/> Dermal LD50 2,398.40 mg/kg <input type="checkbox"/> ATE mix (inhalation-dust/mist) 4.178 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)

Persistence/Degradability
 Not determined.

Bioaccumulation
 There is no data for this product.

Mobility

Chemical name	Partition coefficient
Benzyl alcohol 100-51-6	1.05
Alkyl (C12-14) glycidyl ether 68609-97-2	3.77

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.



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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 UN3082

Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (bisphenol-A- (epichlorohydrin) epoxy resin)

Transport hazard class(es) 9

Packing Group III

IATA

UN number or ID number UN3082

Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (bisphenol-A- (epichlorohydrin) epoxy resin)

Transport hazard class(es) 9

Packing group III

IMDG

UN number or ID number UN3082

Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (bisphenol-A- (epichlorohydrin) epoxy resin)

Transport hazard class(es) 9

Packing Group III

SECTION 15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AIC
Polymer of epichlorohydrin and bisphenol A	X	ACTIVE	X			X	X	X	X
Poly [(phenyl glycidyl ether)-co-formaldehyde]	X	ACTIVE	X		X	X	X	X	X
Alkyl (C12-14) glycidyl ether	X	ACTIVE	X	X	X	X	X	X	X
Benzyl alcohol	X	ACTIVE	X	X	X	X	X	X	X
Neopentyl Glycol diglycidyl ether	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

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Benzyl alcohol 100-51-6		X	X



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SECTION 16.	OTHER INFORMATION			
				<u>NFPA</u>
	Health hazards	Flammability	Instability	Special hazards
	-	-	-	-
				<u>HMIS</u>
	Health hazards	Flammability	Physical hazards	Personal Protection
	-	-	-	Not determined
	Date of Preparation			November 7, 2023
	Date of Last Revision			November 8, 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.