



SECTION 1. IDENTIFICATION	
Product identifier	Passeport Elite Industrial Water Based Epoxy 50% Solid - Part B PE700297
Other Means of Identification	N.A.
Recommended Use	Water Borne Epoxy Coating System
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	
<u>Classification</u> Acute Toxicity, Oral and Dermal Category 4 Skin Irritation Category 2 Serious eye damage/irritation Category 1 Skin Sensitization Category 1 Skin Corrosion / Irritation - Skin Corrosion Category 1 Specific Target Organ Toxicity - Repeated Exposure Category 1 Pyrophoric Liquids Category 1	
<u>Label Elements</u> <div>   </div>	
<u>Signal Word</u> Danger	
<u>Hazard Statements</u> H302 + H312: Harmful if swallowed or in contact with skin. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H361: Suspected of damaging fertility or the unborn child. H227: Combustible liquid	

Precautionary statements

Prevention:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing vapors, mist, or spray.
P264: Wash hands, forearms, and other exposed areas thoroughly after handling.
P270: Do not eat drink or smoke when using this product.
P272: Contaminated work clothing must not be allowed out of the workplace.
P280: Wear protective gloves, protective clothing, and eye protection.
P402+405+ P235: Store locked in a cool and dry location.
P411: Store in temperatures not exceeding freezing point.
P391: Collect Spillage.
P501: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
Response: Handle in accordance with good industrial hygiene and safety practice.
P308 + P313: if exposed or concerned: Get medical advice / attention.
P310: Immediately call a poison center or doctor.
P330: Rinse mouth.
P302 + P352: if on skin: Wash with plenty of water.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 + P333 +P337: Get medical advice/attention: If skin irritation or rash occurs or If eye irritation persists.

Other Hazards:

Unknown

GHS Special Labeling:

EUH205 - "Contains epoxy constituents. May produce a skin allergy."

SECTION 3.

COMPOSITION

Chemical Name	CAS No.	% concentration
Polyamine resin	N.A	15% - 25%
Poly(oxy(methyl-1,2-ethanediyl), Alpha-(2-aminomethylethyl)-Omega- (2-aminomethylethoxy)	9046-10-0	1% - 5%
Tetra ethylene pentamine	112-57-2	1% - 3%

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Skin Contact:

Flush with soap and water for a minimum of 15 minutes. Consult a physician if irritation persists or you feel unwell.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

Ingestion:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Most Important Symptoms and Effects, Acute and Delayed

Burning pain and severe corrosive skin damage. Can burn mouth, throat, and stomach. Can cause severe irritation and burns to the respiratory tract. May cause an allergic respiratory reaction. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Immediate Medical Attention and Special Treatment:

Special Instructions:

Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

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

Self-contained breathing apparatus and turn-out gear must be worn in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

Methods and Materials for Containment and 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

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust or mist. Do not get in eyes, on skin, or on clothing. Do not get this material in contact with eyes. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Keep away from sources of ignition -No smoking. Take precautionary measures against static discharge.

Conditions for Safe Storage

Store in cool dry and well-ventilated place. Keep stored in accordance with local, regional, national, and international regulations. Store away from incapable materials.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

All protective clothing should be appropriately clean and available to dress into before work. The engineering measures or controls and PPE recommendations are only guidelines and may not apply to every situation. Data not available. For additional information, please consult the corresponding requirements under <http://www.ccohs.ca/topics/hazards/chemical/chemicals/>

	ACGIH® TLV®	OSHA PEL	AIHA®	WEEL®
Chemical name	TWA STEL©	TWA Ceiling	8-hr TWA	Short-Term

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

General Measures

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.

Eye / Face Protection

Use tightly sealed goggles or safety glasses with side shields which are resistant to Chemicals.

Skin Protection

Wear chemical resistant protection gloves. Wear impervious clothing as necessary to protect against coming in contact with product.

Respiratory Protection

If insufficient ventilation, wear respiratory protection.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES		
	Appearance	Light amber liquid
	Odor	Ammoniacal
	Odor threshold	Not available
	pH	Not available
	Melting point	Not available
	Initial Boiling Point / Range	Not available
	Flash point	Not available
	Evaporation rate	Not available
	Flammability (solid; gas)	Not available
	Lower flammable/explosive limit	Not available
	Upper flammable/explosive limit	Not available
	Vapor pressure	Not available
	Vapor density	Not available
	Specific gravity	1.05
	Solubility	Not available
	Partition coefficient-n-Octanol/water	Not available
	Auto-ignition temperature	Not available
	Decomposition temperature	Not available
SECTION 10. STABILITY AND REACTIVITY		
	Reactivity	None known
	Chemical stability	Stable under recommended handling and storage conditions.
	Possibility of Hazardous reactions	Hazardous polymerization will not occur.
	Conditions to avoid	Avoid temperatures exceeding the flash point. Epoxy resins under uncontrolled conditions.
	Incompatible materials	CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with Nitrous acid and other nitrous agents. Organic acids (i.e., acetic acid, citric acid, etc.) Mineral acids Sodium hypochlorite Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Oxidizing agents.
	Hazardous decomposition products	Nitric acid, Ammonia, Nitrogen Oxides (NOx) Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon monoxide (CO2) Nitrosamine.

SECTION 11. TOXICOLOGY INFORMATION	
Likely Routes of Administration	Inhalation, skin contact, eye contact, ingestion.
Acute Toxicity	Oral: Harmful if swallowed. Dermal: Harmful in contact with skin.
LD50 and LC50 Data	Not available
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/ Irritation	Causes serious eye damage
STOT (Specific Target Organ Toxicity) Single Exposure Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Aspiration Hazard	Not classified based on available data.
STOT(Specific Target Organ Toxicity) Repeated Exposure	Skin, eyes, central nervous system, respiratory system.
Respiratory and/or Skin Sensitization	May irritate mucous membranes, eyes, nose, and respiratory passages. May cause asthma attack to persons with preexisting bronchial hyper reactivity. Exposure to high concentrations may lead to bronchitis, bronchial spasm and pulmonary oedema. Effects are usually reversible. May cause C.N.S. depression with symptoms of nausea, lightheadedness, drowsiness, dizziness, loss of coordination.
Carcinogenicity Chemical name	Unknown IARC ACGIH® NTP OSHA
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Germ Cell Mutagenicity	Not available
Interactive Effects	Not available
SECTION 12. ECOLOGICAL INFORMATION	
Toxic to aquatic life with lasting effects. This is not required by WHMIS. This is not required by OSHA HCS 2012.	
SECTION 13. DISPOSAL CONSIDERATIONS	
<u>Disposal Methods</u>	Dispose of contents/container into safe container in accordance with local, regional or national regulations.
SECTION 14. TRANSPORT INFORMATION	
Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.	
SECTION 15. REGULATORY INFORMATION	
Not required under Canadian Regulations.	

SECTION 16. OTHER INFORMATION	
Date of Preparation	August 2024
Date of Last Revision	August 8, 2024
Revision Indicators	The entire MDSD was changed in August 2020 to be in accordance with the WHMIS 2015 which incorporates the Globally Harmonized System of Classification and Labeling of Chemicals for Canadian Workplaces.
References	1. CHOHS Fact Sheets September 2016 ©CCOHS 2016 2. Supplier's Material Safety Data Sheet(s)
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

IMPORTANT NOTICE

The facts stated and the recommendations made with respect to the use of this product are based on liable information. No guarantee of accuracy is made. Before using, determine the suitability of the product's intended use. The purchaser assumes all risks and liability for losses, damage, or expenses, directly or indirectly, arising from the handling or use of the product or from any other cause. All recommendations are made on condition that Passeport Élite will not be liable for any damages resulting from its use since Passeport Élite cannot control the conditions under which the product will be transported, stored, handled or used by the purchaser.