Safety Data Sheet (SDS)

Passeport Elite Industrial Water Based Epoxy 50% Solid - Part A

PE700297

SECTION 1.	IDENTIFICATION	
	Product identifier	Passeport Elite Industrial Water Based Epoxy 50% Solid - Part A 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.	**Numéro d'urgence 24 heures au Canada (CANUTEC): (613) 996-6666**

SECTION 2. HAZARD IDENTIFICATION

Classification

Acute Toxicity, Oral and Dermal Category 4
Skin Irritation Category 2
Serious eye damage/irritation Category 1
Skin Sensitization Category 1
Specific Target Organ Toxicity - Repeated Exposure Category 1

Label Elements

Signal Word

Danger

Hazard Statements

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.
H411: Toxic to aquatic life with long-lasting effects.

Precautionary statements

Prevention:

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:

Keep away from children and animals

SECTION 3. COMPOSITION

Chemical Name	CAS No.	% concentration
Oxirane,2,2-[(1-methylenidene)bis(4,1-phenyleneoxymethylene)]	1675-54-3	50% - 60%
Water	7732-18-5	40% - 60%

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Ingestion:

IF SWALLOWED: Call a POISON Center/doctor/…if you feel unwell.

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.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

If on skin:

Harmful if in contact with the skin. Causes skin irritation. Exposure may produce an allergic reaction.

If in eyes:

Causes serious eye damage.

If ingested:

Ingestion is likely to be harmful or have adverse effects.

Immediate Medical Attention and Special Treatment:

Special Instructions:

If a physician or medical attention is required, have product container or label at hand.

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

None Known

Specific Hazards Arising from the Product

Ammonia gas may be liberated at high temperatures. In case of incomplete combustion an increased formation of oxides of nitrogen (NOx) is to be expected. Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated. Refer to section 9 for flammability properties.

Special Protective Equipment and Precautions for Fire-fighters

Use self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

As a general precaution, take personal precaution not to breath gas, vapors, or dusts. Do not get in eyes, on skin or clothing.Use appropriate personal protection equipment. In the event of an emergency, evacuate any unnecessary personnel.As an environmental precaution, prevent spillage to sewers, public waters, and do not penetrate ground/soil.

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

Handle in accordance to good industrial hygiene and safety procedures. Wear respiratory protection when handling. Avoid body contact of containers or contents unless wearing appropriate personal protective equipment. Wear respiratory protection when handling. Avoid release into the environment.

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/

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	Colored Liquids
Odor	Not available
Odor threshold	Not available
pH	Not available
Melting point	Not available
Initial Boiling Point / Range	100°C
Flash point	>248.89°C
Evaporation rate	Not available
Flammability (solid; gas)	Not available
Lower flammable/explosive limit	Not available
Upper flammable/explosive limit	Not available
Vapor pressure	19.30 mm Hg @21°C
Vapor density	Not available
Specific gravity	1.10
Solubility	Partial
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	In presence of moisture and when in contact with other materials that react with isocyanates, or temperatures above 177 °C may cause polymerization. Avoid heat, sparks, and flame.
	Conditions to avoid	Direct sunlight. Extremely high and low temperatures.
	Incompatible materials	Water, amines, strong acids and bases, alcohols, and copper alloys.
	Hazardous decomposition products	Nitrogen oxides, carbon oxides.
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	No data
	Aspiration Hazard	Not classified based on available data.
	STOT(Specific Target Organ Toxicity) Repeated Exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Aspiration Hazard.
	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	Unknown
	Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
	Germ Cell Mutagenicity	Not available
	Interactive Effects	Not available
SECTION 12.	**ECOLOGICAL INFORMATION**	
	Hazardous to aquatic environment. This is not required by WHMIS. This is not required by OSHA HCS 2012.	
SECTION 13.	**DISPOSAL CONSIDERATIONS**	
	Disposal Methods 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