

**ALSAN FLOOR EP041 PART A****SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY**

- 1.1 Product identifier:** Liquid Epoxy Resin      **Revision date:** March 1, 2017  
**Product name:** **Alsan Floor EP041 Part A**
- 1.2 Relevant identified uses of substance**      Resin for 2 component coatings – industrial use
- 1.3 Details of the supplier of the safety data sheet**
- Manufacturer:**      **SOPREMA Inc.**  
1640 Haggerty, Drummondville (QC), J2C 5P8, CANADA  
+1 (800) 567-1492
- 1.4 Emergency Phone No.**      **CANUTEC (24h) +1 (613) 996-6666**  
**CHEMTREC (24h) +1 (800) 424-9300 Acct.# CCN20515**

**SECTION 2. HAZARD IDENTIFICATION****2.1 Classification of substance**

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

**2.2 Label Elements****Symbol(s) of Product**

**Signal Word**  
Danger



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### HAZARD STATEMENTS

Acute toxicity Oral and Dermal, Category 4	H302+H312	Harmful if swallowed or in contact with skin.
Skin irritation, Category 2	H315	Causes skin irritation.
Serious eye damage, Category 1	H318	Causes serious eye damage.
Serious eye irritation, Category 1	H319	Causes serious eye irritation.
Skin Sensitizer, Category 1	H317	May cause an allergic skin reaction.
Reproductive Toxicity, Category 2	H361	Suspected of damaging fertility or unborn child.
Hazardous to aquatic environment	H411	H410 Toxic to aquatic life with long-lasting effects.

Specific Target Organ Toxicity – Repeated Exposure, Category 1

### PRECAUTIONARY STATEMENTS

#### PREVENTION

P261	Avoid breathing dust / fume / gas / mist / vapours/ spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing, and eye/face protection.
P233	Keep container lid tightly closed after partial use or when storing.
P402+P235	Store in cool and dry place.
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.

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	Get medical advice/attention: If skin irritation or rash occurs or if eye irritation persists.

### 2.3 Other Hazards

No information

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No.	Chemical Name	% by Weight	Other identifiers - LD 50 (ORAL-RAT) mg/kg
25068-38-6	Diglycidyl ether of bisphenol A	20-30	> 5 000
28064-14-4	Bisphenol-F/epichlorohydrin Epoxy resin	9-20	> 2 000
68609-97-2	Alkylglycidyl ether	1- 3	> 19 000
25154-52-3	Nonyl-phenol	6-10	1 300
68609-97-2	Polypropylene glycol diglycidyl ether	9-20	788
<b>Additional information:</b>		None	

### SECTION 4. FIRST-AID MEASURES

#### 4.1 Description of First-aid Measures

<b>GENERAL NOTES:</b>	<b>When symptoms persist or in all cases of doubt seek medical advice.</b>
<b>AFTER INHALATION:</b>	Move to fresh air. Consult a physician after significant exposure.
<b>AFTER SKIN CONTACT:</b>	Use mild soap if available. Wash off immediately with soap and abundance of water while removing all contaminated clothing and footwear.
<b>AFTER EYE CONTACT:</b>	Rinse immediately with abundance of water, also under eyelids, for at least 15 minutes. Remove contact lenses.
<b>AFTER INGESTION:</b>	Gently wipe or rinse inside of mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

Harmful in contact with skin and if swallowed. Irritating to eyes and respiratory system. May cause sensitization and/or allergenic symptoms with prolonged exposure.

#### 4.3 Indication of any immediate medical attention and special treatment needed

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

**SECTION 5. FIRE-FIGHTING MEASURES****5.1 Extinguishing Media**

Carbon dioxide, appropriate foam, water spray, dry chemical

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

**5.2 Special Hazards arising from the Substance or mixture**

Incomplete combustion may form Carbon Oxides and low molecular weight hydrocarbons, phenol and water. Refer to Section 9 for flammability properties

**5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus. High-volume water jet. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Use personal protective equipment. In the event of an emergency, evacuate any unnecessary personnel. Avoid release into drains and environment.

**6.2 Environmental precautions**

Do not allow material to contaminate ground water system. Prevent product from entering drains.

**6.3 Methods and material for containment and cleaning up**

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, vermiculite) and transfer to a container for disposal according to local/national regulations.

**SECTION 7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

**INSTRUCTIONS FOR SAFE HANDLING:** Use only in area provided with appropriate ventilation. Wear personal protective equipment. Do not breathe vapour or spray mist.

**PROTECTION AND HYGIENE MEASURES:** Wash hands before breaks and at the end of work day. When using, do not eat, drink, or smoke. Avoid release into the environment.

**7.2 Conditions for safe storage, including any incompatibilities**

**CONDITIONS TO AVOID:** Direct sources of heat

**STORAGE CONDITIONS:** Store in original container. Keep locked up in area accessible only to qualified persons. Store in a dry, well ventilated place away from sources of heat, ignition, and direct sunlight.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 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.

#### 8.2 Exposure Controls

##### Personal Protection

**RESPIRATORY PROTECTION:** No personal respiratory protective equipment normally required.

**EYE PROTECTION:** Safety glasses

**HAND PROTECTION:** Impervious gloves. Remove and wash contaminated clothing before reuse.

##### ENGINEERING CONTROLS:

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

Do not eat, drink or smoke while handling.

### SECTION 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 9.1 Information on basic physical and chemical properties

Appearance	Grey/black/white/beige paste (liquid)
Odor	Not available
Odor threshold	Not available
pH	Not available
Melting point	Not available
Initial Boiling point/Range	> 120°C
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower flammability/explosive limit	Not available
Vapor pressure	0.05 mmHg
Vapor density	Not available
Relative density	1.22
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Paste

**SECTION 10. STABILITY AND REACTIVITY****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal handling and storage conditions.

**10.3 Possibility of hazardous reactions**

Hazardous polymerization may occur.

**10.4 Conditions to avoid**

Direct sunlight, sources of heat and cold temperatures.

**10.5 Incompatible materials**

Strong oxidizing agents, mineral acids, strong bases, amines.

**10.6 Hazardous decomposition products**

Will react with aliphatic amines. Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>).

**SECTION 11. TOXICOLOGICAL INFORMATION****11.1 Information and toxicological effects****Likely Routes of Administration**

Inhalation, skin contact, eye contact, ingestion.

**Acute Toxicity**

Not classified

**Irritation**

Causes skin irritation. May cause an allergic skin reaction. Repeated skin contact may cause sensitization, skin rash or itchiness.

**Serious Eye Damage/Irritation**

Contact with eyes causes serious eye irritation

**STOT (Specific Target Organ Toxicity) – Single Exposure Inhalation**

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

**STOT (Specific Target Organ Toxicity) – Repeated exposure**

Not classified based on available data

**Respiratory and/or skin sensitization**

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May cause an allergic skin reaction

### **Carcinogenicity**

Unknown

### **Toxicity for reproduction**

No information available

### **Germ cell mutagenicity**

No information available

### **Interactive Effects**

No information available

## **SECTION 12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

Not required by WHMIS

Not required by OSHA HCS 2012

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**13.1** If recycling is not practical, dispose of in accordance with local regulations.

## **SECTION 14. TRANSPORTATION INFORMATION**

**14.1** Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

## **SECTION 15. REGULATORY INFORMATION**

**15.1** Not required under Canadian Regulations.

## **SECTION 16. OTHER INFORMATION**

<b>16.1</b>	Date of preparation	March 1 <sup>st</sup> , 2017
	Date of Last Revision	May 15 <sup>th</sup> , 2017
	References	CHOHS Fact Sheets September 2016 (CCOHS 2016) Supplier's Material Safety Data Sheet(s)



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**Notice:** The information on this document corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.