

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

- 1.1 Product identifier:** Polyamine **Revision date:** March 1, 2017
Product name: **Alsan Floor EP041 Part B**
- 1.2 Relevant identified uses of substance** Epoxy curing agent 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
Pyrophoric Liquids, Category 1

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

Danger



SAFETY DATA SHEET

ALSAN FLOOR EP041 PART B

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.
Specific Target Organ Toxicity – Repeated Exposure, Category 1		

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 dust / fume / gas / mist / vapours/ spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothes must not be allowed out of the workplace.
P280	Wear protective gloves, protective clothing, and eye/face protection.
P233	Keep container lid tightly closed after partial use or when storing.
P402+P405+P235	Store locked 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 + P337	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

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>% by Weight</u>	<u>Other identifiers - LD 50 (ORAL-RAT) mg/kg</u>
68410-23-1	Polyamine	40-60	5 000
68443-08-3	Amides, from Meepoxyhydroxystearate Tetraethylenepentamine and Vegetable oil fatty acids	20-40	Not available
90-72-2	Tris-2,4,6 (Dimethyl-aminomethyl) Phenol 3-10	2-10	1 200
002855-13-2	Isophorone diamine	2-10	1 030

Additional information: None

SECTION 4. FIRST-AID MEASURES

4.1 Description of First-aid Measures

GENERAL NOTES:	When symptoms persist or in all cases of doubt seek medical advice.
AFTER INHALATION:	Move to fresh air. Consult a physician after significant exposure.
AFTER SKIN CONTACT:	Use mild soap if available. Wash off immediately with soap and abundance of water while removing all contaminated clothing and footwear.
AFTER EYE CONTACT:	Rinse immediately with abundance of water, also under eyelids, for at least 15 minutes. Remove contact lenses. Seek immediate medical assistance.
AFTER INGESTION:	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. Causes serious eye damage.

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

Ammonia gas may be released at high temperatures. In the case of incomplete combustion there may be a release of oxides of nitrogen (NO_x), carbon dioxide (CO₂) and carbon monoxide (CO). Burning produces noxious and toxic fumes. Downwind personnel must be evacuated. 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 /white/beige paste (liquid)
Odor	Not available
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
Upper/Lower flammability/explosive limit	Not available

Product Identifier: Alsan Floor EP041 Part B

Revision date: March 1, 2017



SAFETY DATA SHEET

ALSAN FLOOR EP041 PART B

Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.12
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 will not occur unless mixed with epoxy Resin. Considerable heat may be generated from polymerization of large quantities.

10.4 Conditions to avoid

Direct sunlight, sources of heat and cold temperatures.

10.5 Incompatible materials

Epoxy resins under controlled conditions.

10.6 Hazardous decomposition products

Unknown

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information and toxicological effects

Likely Routes of Administration

Inhalation, skin contact, eye contact, ingestion.

Acute Toxicity

Oral – Harmful if swallowed

Dermal – Harmful when in contact with skin

LD50 and LC50 Data

Not available



SAFETY DATA SHEET

ALSAN FLOOR EP041 PART B

Skin corrosion/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

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Repeated skin contact may cause sensitization. May have adverse effects on central nervous system.

Respiratory and/or skin sensitization

May cause an allergic skin reaction. May irritate mucous membranes, eyes, nose and respiratory passages. May cause asthma attacks to persons with pre-existing bronchial hyper reactivity. Exposure to high concentrations may lead to bronchitis, bronchial spasms and pulmonary oedema. Effects are usually reversible. May cause C.N.S. depression with symptoms of nausea, light-headedness, drowsiness, dizziness, and loss of coordination.

Carcinogenicity

Unknown

Toxicity for reproduction

Suspected of damaging fertility or the unborn child

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.



SAFETY DATA SHEET

ALSAN FLOOR EP041 PART B

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

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

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.