SECTION 1: IDENTIFICATION

Product Identifier
Product Form: Mixture
Product Name: ALTRO ECOFIX 25

Intended Use of the Product
Use of the Substance/Mixture: No use is specified.

Name, Address, and Telephone of the Responsible Party
Company
Altro Floors, Inc.
80 Industrial Way
Wilmington, MA 01887
978-657-6464

Emergency Telephone Number
Emergency Number: CHEMTREC 1-800-424-9300/ CANUTEC 613-996-6666

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
Classification (GHS-US)
Eye Irrit. 2A H319
Skin Sens. 1 H317
Carc. 1B H350
Repr. 2 H361
STOT RE 1 H372
Aquatic Acute 3 H402

Full text of H-phrases: see section 16

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US)

Signal Word (GHS-US)
Danger

Hazard Statements (GHS-US)
H319 - Causes serious eye irritation.
H350 - May cause cancer.
H361 - Suspected of damaging fertility or the unborn child.
H372 - Causes damage to organs through prolonged or repeated exposure.
H402 - Harmful to aquatic life.

Precautionary Statements (GHS-US)
P260 - Do not breathe vapors, mist, or spray.
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.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
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.
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Other Hazards
Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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<th>Product Identifier</th>
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<td>Propanol, oxybis- dibenzoate</td>
<td>(CAS No) 27138-31-4</td>
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<td>Distillates, petroleum, hydrotreated heavy naphthenic</td>
<td>(CAS No) 64742-52-5</td>
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<td>Poly(oxy-1,2-ethanediyl), alpha.-sulfo.-omega.-((nonylphenoxy))- brachned, sodium salt</td>
<td>(CAS No) 68891-39-4</td>
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<tr>
<td>Vinyl acetate</td>
<td>(CAS No) 108-05-4</td>
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</tr>
<tr>
<td>Quartz*</td>
<td>(CAS No) 14808-60-7</td>
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*This product contains a material that may be hazardous when present as an airborne dust. Since this product is in a liquid form, the material is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with this material are not applicable to this product.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Contact: Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes serious eye irritation. May cause an allergic skin reaction. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an allergic skin reaction.

Eye Contact: Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: May cause cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Reference to Other Sections
Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections
See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.


Specific End Use(s)
No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters
For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

| Substance                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH                  | USA ACGIH    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<td>Nunavut</td>
<td>OEL TWA (mg/m³)</td>
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</table>
**ALTRO ECOFIX 25**

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

<table>
<thead>
<tr>
<th>Region</th>
<th>OEL TWA (mg/m³)</th>
<th>Comments</th>
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<tr>
<td></td>
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<td>0.3 mg/m³ (total mass)</td>
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<td>Ontario</td>
<td>OEL TWA (mg/m³)</td>
<td>0.10 mg/m³ (designated substances regulation- respirable)</td>
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<td>Prince Edward Island</td>
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<td>Québec</td>
<td>VEMP (mg/m³)</td>
<td>0.1 mg/m³ (respirable dust)</td>
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**Exposure Controls**

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. 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.

**Personal Protective Equipment:** Protective goggles. Gloves. Protective clothing.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

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<th>Value</th>
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</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>~212°F</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>&gt;200°F</td>
</tr>
<tr>
<td><strong>Auto-ignition Temperature</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Lower Flammable Limit</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Upper Flammable Limit</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>Same as water</td>
</tr>
<tr>
<td><strong>Relative Vapor Density at 20 °C</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Relative Density</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.2</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Partition Coefficient: N-Octanol/Water</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>15,000 – 21,000 cps</td>
</tr>
<tr>
<td><strong>Explosion Data – Sensitivity to Mechanical Impact</strong></td>
<td>Not expected to present an explosion hazard due to mechanical impact.</td>
</tr>
</tbody>
</table>
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Explosion Data – Sensitivity to Static Discharge: Not expected to present an explosion hazard due to static discharge.
VOC Content (SCAQMD Rule 1168): <12 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.
Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials.
Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product
Acute Toxicity: Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Causes serious eye irritation.
Respiratory or Skin Sensitization: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not classified
Carcinogenicity: May cause cancer.
Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.
Reproductive Toxicity: Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.
Symptoms/Injuries After Eye Contact: Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms: May cause cancer. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes damage to organs through prolonged or repeated exposure.

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LD50 Dermal Rabbit</th>
<th>LC50 Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl acetate (108-05-4)</td>
<td>2900 mg/kg</td>
<td>2335 mg/kg</td>
<td>11400 mg/m³ (Exposure time: 4 h)</td>
</tr>
<tr>
<td>Rosin (8050-09-7)</td>
<td>7600 mg/kg</td>
<td>&gt; 2500 mg/kg</td>
<td>110 mg/m³</td>
</tr>
<tr>
<td>Quartz (14808-60-7)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>&gt; 5000 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rat</td>
<td>&gt; 5000 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)</td>
<td>&gt; 5000 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 5 mg/l/4h</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Quartz (14808-60-7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC Group</td>
<td>1</td>
</tr>
<tr>
<td>National Toxicology Program (NTP) Status</td>
<td>Known Human Carcinogens.</td>
</tr>
<tr>
<td>OSHA Hazard Communication Carcinogen List</td>
<td>In OSHA Hazard Communication Carcinogen list.</td>
</tr>
</tbody>
</table>

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity
Ecology - General: Harmful to aquatic life.

**Vinyl acetate (108-05-4)**
- **LC50 Fish 1**: 14 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
- **LC50 Fish 2**: 15.04 (15.04 - 21.54) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

**Rosin (8050-09-7)**
- **EC50 Daphnia 1**: 3.8 - 5.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)

**Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)**
- **LC50 Fish 1**: > 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
- **EC50 Daphnia 1**: > 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### Persistence and Degradability
Not available

#### Bioaccumulative Potential

**Vinyl acetate (108-05-4)**
- **Log Pow**: 0.73

**1,2-Propylene glycol (57-55-6)**
- **BCF Fish 1**: < 1
- **Log Pow**: -0.92

#### Mobility in Soil
Not available

#### Other Adverse Effects
Other Information: Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.


### SECTION 14: TRANSPORT INFORMATION

**In Accordance with DOT** Not regulated for transport

**In Accordance with IMDG** Not regulated for transport

**In Accordance with IATA** Not regulated for transport

**In Accordance with TDG** Not regulated for transport

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

**SARA Section 311/312 Hazard Classes**
- Immediate (acute) health hazard
- Delayed (chronic) health hazard

**Water (7732-18-5)**
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.-omega-.-(nonylphenoxy)-., branched, sodium salt (68891-39-4)**
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Vinyl acetate (108-05-4)**
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the United States SARA Section 302
Listed on United States SARA Section 313

**SARA Section 302 Threshold Planning Quantity (TPQ)** 1000

**SARA Section 313 - Emission Reporting** 0.1 %
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Rosin (8050-09-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Propanol, oxybis-, dibenzoate (27138-31-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Quartz (14808-60-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 311/312 Hazard Classes
Immediate (acute) health hazard
Delayed (chronic) health hazard

Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations


Vinyl acetate (108-05-4)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

Quartz (14808-60-7)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Canadian Regulations

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-((nonylphenoxy)-, branched, sodium salt (68891-39-4)
Listed on the Canadian DSL (Domestic Substances List)

Vinyl acetate (108-05-4)
Listed on the Canadian DSL (Domestic Substances List)
Listed on the Canadian IDL (Ingredient Disclosure List)
IDL Concentration 1 %

Rosin (8050-09-7)
Listed on the Canadian DSL (Domestic Substances List)

Propanol, oxybis-, dibenzoate (27138-31-4)
Listed on the Canadian DSL (Domestic Substances List)

Quartz (14808-60-7)
Listed on the Canadian DSL (Domestic Substances List)
Listed on the Canadian IDL (Ingredient Disclosure List)
IDL Concentration 1 %

Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)
Listed on the Canadian DSL (Domestic Substances List)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 09/19/2018
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H350 May cause cancer
<table>
<thead>
<tr>
<th>Hazard Number</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>H361</td>
<td>Suspected of damaging fertility or the unborn child</td>
</tr>
<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
</tbody>
</table>

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS US 2012 & WHMIS 2015