Section 1 - CHEMICAL, PRODUCT AND COMPANY IDENTIFICATION

Supplier Information:
American Excelsior Company
850 Avenue H East
Arlington, TX 76011
Office Phone #: (817) 385-3500

Chemical Name: Polyvinyl Chloride  
Synonyms: Polyvinyl Chloride Homopolymer
Internal Product Codes: N/A
Product Use: Impact Reduction

Section 2 - HAZARDS IDENTIFICATION

Product Overview:
No known OSHA hazardous ingredients are present at or above de minimis levels.

GHS LABEL: !  Signal word: WARNING

Primary Health Hazard(s):
The primary health hazards posed by this product are thought to be due to exposure to dusts.

Potential Health Effects:
- Skin Contact: Not expected to cause skin irritation.
- Eye Contact: Mechanical eye irritation.
- Inhalation: May cause respiratory irritation.
- Ingestion: The substance is not subject to classification.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyvinyl chloride</td>
<td>9002-86-2</td>
<td>≈100.0</td>
</tr>
</tbody>
</table>
**Section 4 - FIRST AID MEASURES**

**Eyes:**
In case of accidental contact, immediately flush eyes with water. Hold eyelids open to ensure adequate flushing. Get medical assistance if irritation or other symptoms develop.

**Skin:**
Wash affected area with soap and water. Get medical assistance if irritation or other symptoms develop.

**Ingestion:**
Administer 1-2 glasses of water to dilute ingested material. Never give anything by mouth to an unconscious person. Get medical assistance if irritation or other symptoms develop.

**Inhalation:**
Remove victim to fresh air. Administer oxygen if breathing in difficult. Administer artificial respiration if breathing has stopped and get medical assistance if irritation or other symptoms develop.

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**Section 5 - FIRE FIGHTING MEASURES**

**Extinguishing Media:**
CO₂, Water spray, dry chemical, foam or other traditional extinguishing materials.

**Fire Fighting Procedures:**
Firefighters and others who may be exposed to products of combustion should wear full protective clothing and self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:**
When forced to burn, this product will decompose and emit toxic fumes containing carbon monoxide, hydrogen chloride, and various hydrocarbons.

**Fire Fighting Equipment/Instructions:**
In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved self-contained breathing apparatus (SCBA) and full protective clothing.

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**Section 6 - ACCIDENTAL RELEASE MEASURES**

**Containment Procedures:**
Collect spilled materials using a method that controls dust generation such as a particulate air (HEPA) vacuum. Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

**Personal Precautions:**
Avoid dust formation. Restrict access to keep out unauthorized or unprotected personnel. Wear personal protective equipment during all clean-up activities. See Section 8 for more information. Avoid inhalation and direct contact.

**Environmental Precautions:**
Keep spilled material out of sewage/drainage systems and waterways.
Dual Density Multiple Purpose Impact Reduction Floor Mat

**Section 7 - HANDLING AND STORAGE**

**Procedures for Handling:**
Use proper lifting techniques / OSHA-recommended ergonomics when manually lifting or moving the material.

**Recommended Storage Methods:**
Store in closed, properly labeled containers.

**Recommended Transportation Methods:**
This material is not hazardous for Transportation.

**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** If unusual exposures are expected, an industrial hygiene review of work practices, and engineering controls and personal protective equipment is recommended.

**Personal Protective Equipment:**
- **Eye/Face:** Safety glasses with side shields.
- **Skin:** Protective work clothing.
- **Hand Protection:** Work gloves
- **Respiratory:** An industrial hygiene risk assessment is required to determine appropriate respiratory protection. An air-purifying respirator may be appropriate under limited exposure conditions.
- **Ingestion:** N/A

**Section 9 - PHYSICAL & CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Two-layer PVC foam (expanded/cellular) material.</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Characteristic vinyl odor</td>
</tr>
<tr>
<td><strong>Specific Gravity (H₂O = 1)[for finished product]</strong></td>
<td>0.30 - 0.35</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>LEL</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>UEL</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>&gt; 200 °F [ASTM D-93]</td>
</tr>
<tr>
<td><strong>Flammable Limits</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Evaporation Rate (n-butyl acetate = 1)</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Solubility in Water</strong></td>
<td>Insoluble.</td>
</tr>
</tbody>
</table>
## Section 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

<table>
<thead>
<tr>
<th>Chemical Stability:</th>
<th>Stable under anticipated conditions of use.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions to Avoid:</td>
<td>None known.</td>
</tr>
<tr>
<td>Incompatibility:</td>
<td>Strong oxidizing agents and low molecular weight industrial-type solvents.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>Carbon monoxide, carbon dioxide, hydrogen chloride, and various hydrocarbons when burning.</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Hazardous polymerization will not occur.</td>
</tr>
</tbody>
</table>

## Section 11 - TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Skin Irritation</th>
<th>Not expected to cause skin irritation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irritation:</td>
<td>Mechanical eye irritation.</td>
</tr>
<tr>
<td>Respiratory:</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>Carcinogenicity:</td>
<td></td>
</tr>
<tr>
<td>Sensitization/Allergic Reaction:</td>
<td>No sensitizing effects known.</td>
</tr>
<tr>
<td>Additional Toxicological Information:</td>
<td>The substance is not subject to classification.</td>
</tr>
<tr>
<td>Other Information:</td>
<td>Substance Classified by IARC (International Agency for Research on Cancer): 9002-86-2 polyvinyl chloride: 3</td>
</tr>
</tbody>
</table>

## Section 12 - ECOLOGICAL INFORMATION

No data available.

## Section 13 - DISPOSAL CONSIDERATIONS

Disposal Instructions:
- Recycle, incinerate or landfill according to local, state, and federal regulations.

## Section 14 - TRANSPORTATION INFORMATION

Additional Shipping Information:
- This material is not hazardous for transportation.

DOT: Not regulated

IATA: Not regulated
Section 15 - REGULATORY INFORMATION

U.S. Superfund Amendments & Reauthorizing Act (SARA) 355: Substance not listed.

U.S. Superfund Amendments & Reauthorizing Act (SARA) 313: Substance not listed.

US Toxic Substances Control Act (TSCA): Substance is listed.

California Proposition 65 Carcinogens: PVC resin contains minor amounts (< 1 ppm on ave.: 0.00001%) of residual vinyl chloride monomer. Vinyl chloride is listed as a carcinogenic under proposition 65.

ACGIH (American Conference of Government Industrial Hygienists) Carcinogens: 9002-86-2 polyvinyl chloride: A4

Canadian Domestic Substances List (DSL): Substance not listed.

Canadian Ingredient Disclosure List (limit 0.1%): Substance not listed.

Canadian Ingredient Disclosure List (limit 1%): Substance not listed.

Section 16 - OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of American Excelsior Company at the time it was prepared. American Excelsior Company does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, American Excelsior Company and its subsidiaries cannot guarantee that these are the only hazards that exist. American Excelsior Company assumes no legal responsibility for loss, damage or expense arising out of, or in any way connected with, the handling, storage, use of disposal of this product.

Key/Legend:
- DOT: Department of Transportation
- IATA: International Air Transport Association

SDS Contact: American Excelsior Company
Phone: (817) 385-3500