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: Cross Linked Polyethylene Foam  SDS Origination Date: 06-03-15
Synonyms: Cross Linked Foam  Last Revision Date: 06-03-15
Internal Product Codes:

Product Use: Packaging

Section 2 - HAZARDS IDENTIFICATION

Product Overview:
This product is not considered hazardous.

GHS LABEL: !  Signal word: WARNING

Potential Health Effects:

Eyes: Rinse eyes with water. In case of an uncomfortable sensation, consult a doctor or ophthalmologist.

Skin: There is no risk and no need to wear gloves.

Ingestion: If material has been ingested, seek medical advice.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>≈ 100.0</td>
</tr>
<tr>
<td>Zinc Oxide</td>
<td>N/A</td>
<td>&lt; 2</td>
</tr>
<tr>
<td>Zinc Stearate</td>
<td>N/A</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Residuals of Dicumyl Peroxide</td>
<td>80-43-3</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Residuals of Azodicarbonamide</td>
<td>123-77-3</td>
<td>&lt; 20</td>
</tr>
<tr>
<td>Organic Pigment</td>
<td>N/A</td>
<td>&lt; 3</td>
</tr>
</tbody>
</table>
Cross Linked Polyethylene/Foam

Section 4 - FIRST AID MEASURES

**Eyes:** Rinse eyes with water. In case of an uncomfortable sensation, consult a doctor or ophthalmologist.

**Skin:** There is no risk and no need to wear gloves.

**Ingestion:** If material has been ingested, seek medical advice.

Section 5 - FIRE FIGHTING MEASURES

**Extinguishing Media:**
- CO₂, H₂O, Foam, Dry Chemical Powder.

**Fire Fighting Procedures:**
- During a fire, it is advisable to cool the material with water. Material that was not ignited should, if possible, be removed from the vicinity of the fire to a safe area. Care must be taken not to stand underneath burning material, dripping of molten material may occur.
- Even after the flames have been extinguished, the material should be cooled with water, in order to prevent a renewed outbreak of the fire due to self-ignition.

**Hazardous Combustion Products:**
- Smoke may contain toxic substances; it is therefore advisable to wear a mask.

**Fire Fighting Equipment/Instruction:**
- Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Section 6 - ACCIDENTAL RELEASE MEASURES

**Containment Procedures:**
Can be cleaned by any acceptable method: Dust and fragments may be vacuumed, swept or blown away by use of air pressure.

**Personal Precautions:**
See section 8.

**Environmental Precautions:**
None necessary.

Section 7 - HANDLING AND STORAGE

**Procedures for Handling:**
No restrictions.

**Recommended Storage Methods:**
- It is advisable to store in a ventilated warehouse on pallets raised off the ground.
- The rolls should be packed in perforated polyethylene sheeting for ventilation. The material must not be stored outside, particularly in the rain or in the sun. Shrink-wrap is not advisable.
Cross Linked Polyethylene/Foam

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** If dust or vapor condition is above the recommended level, use local extraction apparatus (likely only in case of a fire).

**Personal Protective Equipment:**
- **Eye/Face:** Protective goggles should be used when cleaning fragments with air pressure.
- **Skin:** There is no need for any protective measures.
- **Hand Protection:** There is no need for gloves.
- **Respiratory:** When cleaning fragments with air pressure, a protective mask should be worn over the nose and mouth.
- **Ingestion:** If material has been ingested, seek medical advice.

### Section 9 - PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Polyethylene Foam</th>
<th>Odor</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Foam PE</td>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Density</td>
<td>25-200 kg/m²</td>
<td>Color</td>
<td>Various</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Auto-ignition Temp</td>
<td>N/A</td>
<td>Explosion Risk</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
<td>Water Solubility</td>
<td>None</td>
</tr>
<tr>
<td>Decomposition Temp</td>
<td>400 °F</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

**Chemical Stability:** Stable.

**Conditions to Avoid:** Avoid temperatures above 150 °C (302 °F). Product decomposes at 400 °C (752 °F).

**Hazardous Decomposition Products:** Hydrocarbons, CO, Trace Ammonia

**Hazardous Polymerization:** Hazardous polymerization will not occur.
Section 11 - TOXICOLOGICAL INFORMATION

Eye/Face: Dust may cause irritation.
Skin: No Toxicity.
Chronic Toxicity: No Toxicity.
Inhalation: A high concentration of dust and fragments may cause nausea.
Ingestion: Uncomfortable if swallowed in large quantities.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None.

Details for elimination: The waste can be buried at an appropriate site or burned in a furnace. The foam can also be ground down for the production of recycled foams.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Instructions: All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Section 14 - TRANSPORTATION INFORMATION

ADR/RID-HI/UN No.: Not classified.

Section 15 - REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 88/379/EEC.

Section 16 - OTHER INFORMATION

Recommended Use: For industrial and personal use.

Key/Legend:

| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |

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