1 Name of Product and Company

Product
Thermoquiet, premium flooring underlayment.

Manufacturer Information
Amvic Inc. (Head Office)
501 McNicoll Avenue
Toronto, Ontario, Canada
M2H 2E2
(416) 410-5674
www.amvicsystem.com
Technical@amvicsystem.com

Amvic Inc.
345 Passmore Avenue
Scarborough, Ontario, Canada
M1V 3N8

Amvic Inc.
3839 Ogden Road Southeast
Calgary, Alberta, Canada
T2G 4N6

Recommended Use
Flooring underlayment, construction material, acoustic insulation.

2 Hazards Identification

Hazard Classification
None

Label Elements
None

Signal Word
None

Hazard Statement(s)
None

Other Hazards
None, GREENGUARD Gold Certification

3 Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>Ethylene-Vinyl acetate</td>
<td>24937-78-8</td>
<td>48%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copolymer PE</td>
<td></td>
<td>9002-88-4</td>
<td>36%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cross-Linking Agent</td>
<td></td>
<td></td>
<td>2%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foaming Material</td>
<td></td>
<td>101-25-7</td>
<td>7%</td>
</tr>
<tr>
<td>Polythene Film</td>
<td></td>
<td>9002-88-4</td>
<td>2%</td>
</tr>
<tr>
<td>Aluminum Film</td>
<td></td>
<td>7429-90-5</td>
<td>1%</td>
</tr>
<tr>
<td>Flame Retardant</td>
<td></td>
<td>42595-45-9</td>
<td>4%</td>
</tr>
</tbody>
</table>
4 First Aid Measures

**Eye Contact**
Dust or particles may cause mechanical eye irritation and/or injury. Flush eyes thoroughly with water for at least 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Inhalation**
Dust from mechanical fabrication may cause upper respiratory irritation. Fumes from hot wire cutting can also cause upper respiratory irritation. Move person to fresh air and keep comfortable for breathing. Loosen tight clothing such as collar, tie or belt to facilitate breathing. Obtain medical attention if symptoms persist.

**Skin Contact**
No significant signs or symptoms indicative of any adverse health hazard are expected to occur because of absorption. May cause slight skin irritation from abrasion in a few individuals. Wash with mild soap and running water. Remove and launder contaminated clothing before reuse. If irritation develops, seek medical attention.

**Ingestion**
Ingestion of this material is unlikely. It is biologically inert and ingestion of small quantities of this material under normal circumstances would not cause harmful effects. If it does occur, do not induce vomiting; seek medical attention.

5 Fire Fighting Measures

**Flash Point**
Not available

**Auto Ignition**
650°F (343°C)

**Extinguishing Media**
Water fog, foam, carbon dioxide, dry chemical

**Special Firefighting Protective Equipment**
Use approved self-contained breathing apparatus with full face mask and personal protective clothing (turnout gear).

**Unusual Fire and Explosion Hazards**
Burning product may produce dense black smoke, The following products may be generated: carbon dioxide, carbon monoxide, water vapor.

6 Accidental Release Measures

**Land Spill**
Scoop up material and put into suitable container for recycling or disposal as a non-hazardous waste in an appropriate recycling or disposal facility.

**Water Spill**
This material will float and disperse with wind and current. Contain the material with brooms, pick up or remove with a vacuum truck.

**Air Release**
This material will settle out of the air. If concentrated on land, it can then be scooped up for recycling of disposal as a non-hazardous waste.

7 Handling and Storage

**Storage Temperature**
Ambient (below 170°F)

**General Storage**
Store in well ventilated area. Assure storage areas and shipping containers are adequately ventilated. Avoid direct exposure to very high heat, open flame, sparks, or other sources of ignition. Do not enter confined areas unless adequately ventilated. “No Smoking – No Matches – No Lighters – No Welding” rules should be enforced.
8 Exposure Controls/Personal Protection

Exposure Guidelines

Personal Protection

Eye/Face Protection  If there is a potential for exposure to particles which could cause eye discomfort or for fabrication operations, safety glasses with side shields are recommended.

Skin Protection  No precautions other than clean body-covering clothing should be needed.

Hand Protection  Use gloves to protect from mechanical injury. Selection of gloves will depend on the task.

Respiratory Protection  Respiratory protection is not normally required. When respiratory protection is required for certain operations, including but not limited to saw, router or hot-wire cutting, use an approved air-purifying respirator. In dusty or misty atmospheres, use an approved particulate respirator.

Ingestion  No precautions necessary due to the physical properties of the material.

Engineering Controls

Ventilation  No applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.

Special Precautions or Other Comments  Follow procedures specified in the NFPA Codes and Standards for handling combustible dust. Maintain good housekeeping to avoid dust buildup.

9 Physical and Chemical Properties

Appearance and Color  4mm thick coil positive silver, negative blue the side view is the silver black blue. Melting Point: As a thermoplastic material it does not exhibit a true melting point. It will begin to soften at 175-212°F (79-100°C) and, as more heat is applied, melting occurs.

Solubility in Water  Insoluble

Odor  Very slight plastic smell

10 Stability and Reactivity

Stability  Stable under normal conditions.

Incompatible Materials and Conditions to Avoid  Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), free halogens, benzene, petroleum, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons.

Hazardous Decompositions Products  May decompose in fire. See Section 5 of SDS for combustion products statement.

Hazardous Polymerization  Will not occur.
11 Toxicological Information

This product has not been tested as a separate entity through the UL GREENGUARD and GREENGUARD Gold Certification and is certified for residential Office and Classroom for TVOC, Formaldehyde, Total AL dehydrates CRE/TLV.

<table>
<thead>
<tr>
<th>Ingestion</th>
<th>Relative to other materials, this material is classified as “relatively harmless” by ingestion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>Irritation may develop following contact with human eyes. Dust may cause mechanical irritation.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>No irritation is likely to develop following contact with human skin.</td>
</tr>
<tr>
<td>Skin Absorption</td>
<td>This product will probably not be absorbed through human skin.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No toxic effects are known to be associated with inhalation of dust from this material. Mechanical irritation may result from inhalation of dust from this material.</td>
</tr>
<tr>
<td>Other Effects of Overexposure</td>
<td>No other adverse clinical effects have been associated with exposure to this material.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>None Determined.</td>
</tr>
</tbody>
</table>

12 Ecological Information

This material is not expected to cause harm to animals, plants of fish. The product is essentially insoluble in water, has low potential for bioaccumulation, and is predicted to have low toxicity to aquatic animals. The product is non-biodegradable in soil and water and is predicted to have low mobility in soil. Fish or animals may eat product and obstruct their digestive tract. It is not expected to harm ecosystems through its applied use.

13 Waste Disposal Considerations

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations to ensure complete and accurate classification.

14 Transportation Information

For domestic transportation purposes, this product is not regulated as a hazardous material by Transport Canada or the US Department of Transportation (DOT) under Title 49 of the Code of Federal Regulations. USGS Proper Shipping name: Polypropylene
## 15 Regulatory Information

### HCS Classification
This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### U.S. Federal Regulations

#### TSCA inventory
All components are listed or exempted.

#### SARA 301/302/303
No chemicals in this product are listed as extremely hazards substances in 40 CFR 355, Emergency Planning and Notification (Appendix A to Part 355).

#### SARA 304
No chemicals in this product require reporting under the requirement of 40 CFR 355, Emergency Planning and Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR Part 302).

#### SARA 313
This product contains no chemicals more than the applicable minimum concentrations that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).

#### SARA 311/312
This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and as such does not require reporting under the requirements of 40 CFR 370, Hazardous Chemical Reporting: Community Right-To-Know.

Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many states and localities have added requirements or incorporated the Federal contents in their own forms, Tier I & II forms should be obtained from the State Emergency Response Commission (SERC).

### Clean water act (CWA) 307
No products were found.

### Clean water act (CWA) 311
No products were found.

### Clean air act (CAA) 112 accidental release prevention
No products were found.

### Clean air act (CAA) 112 regulated flammable substances
No products were found.

### Clean air act (CAA) 112 regulated toxic substances
No products were found.

### International Regulations

#### WHMIS
Not controlled under WHMIS

#### EINECS
Not available

#### DSCL
Not controlled under DSCL

#### International Lists
No products were found

#### State Regulation
No products were found. California Prop.65: There are no Proposition 65 chemicals present in our polypropylene resins at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

## 16 Other Information

### International Regulations
Countries other than the Canada and United States of America may have regulations governing the use of this product. The end-user should investigate local rules and regulations.