RBI Shield™
Product Name: RBI Shield™ – Reflective Insulation
Private Label for Fi-Foil Company, Inc.

I. IDENTIFICATION

Product Identification: Flexible cellular plastic film laminated to foil
Manufacturer: Private labeled and manufactured for Fi-Foil Company, Inc., 612 Bridgers Ave. W., P.O. Box 800, Auburndale, FL 33823
Product Information: (863) 965 – 1846
Product Use: Determined by customer
WHMIS Classification: Exempt, not a controlled product

II. INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT CAS #</th>
<th>PEL</th>
<th>TLV</th>
<th>CONTENT</th>
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</thead>
<tbody>
<tr>
<td>Polyethylene resin</td>
<td>90% - 100%</td>
<td></td>
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<tr>
<td>Foil film lamination</td>
<td>Max. of 10%</td>
<td></td>
<td></td>
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<tr>
<td>LLDPE, Poly, Foil</td>
<td></td>
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<tr>
<td>Hazardous ingredients</td>
<td>None Known</td>
<td></td>
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</tr>
</tbody>
</table>

III. PHYSICAL DATA/CHEMICAL CHARACTERISTICS

**Bubble:**
- Physical State: Solid
- Appearance: Natural, black, pink (antistatic), blue, orange
- Odor: Coated film with slight plastic odor
- Melting Point: >212°F
- Boiling Range: Not applicable
- Vapor Pressure: Not applicable
- Vapor Density: Not applicable
- Evaporation Rate: 0.0%
- Specific Gravity: Not applicable
- Solubility in Water: Insoluble

**Foil Film Lamination:**
- Physical State: Solid
- Appearance: Polyolefin laminated sheet
- Odor: None
- Melting Point: Not applicable
- Boiling Range: Not applicable
- Vapor Pressure: Not applicable
- Vapor Density: Not applicable
- Evaporation Rate: Not applicable
- Specific Gravity: Not applicable
- Solubility in Water: Insoluble

IV. FIRE AND EXPLOSION DATA

**Bubble:**
- Conditions of Flammability: Can ignite in direct contact with an open flame
- Autoignition Temperature: >572°F
- Flashpoint Temperature: 653°F ASTM
- Flammability limits: Not applicable
- Fire extinguishing media: CO₂, fog, foam, dry chemical
- Fire Fighting procedures: Use self-contained breathing apparatus
- Unusual fire and explosion hazards: Dense smoke may be emitted when product burns

**Foil Film Lamination:**
- Conditions of Flammability: Material is coated with polyolefin and will burn as plastic
- Autoignition Temperature: Not applicable
- Flash point: Not applicable
- Flammability limits: Not applicable
- Fire extinguishing media: Water fog, “alcohol” foam, carbon dioxide, dry chemical
- Fire fighting procedures: User self-contained breathing apparatus and protective clothing
- Unusual fire and explosion hazards: Not available

V. REACTIVITY DATA

**Bubble:**
- Stability: Under normal conditions – stable
- Hazardous polymerization: Will not occur
- Conditions/Hazards to avoid: Heat, sparks and flames

**Foil film lamination:**
- Stability: Stable
- Hazardous polymerization: Not applicable
- Conditions/hazards to avoid: Not applicable
- Materials to avoid: Not applicable
- Hazardous Decomposition Products: Carbon dioxide and carbon monoxide

VI. TOXICOLOGICAL AND HEALTH DATA

**Bubble:**
- Recommended exposure limit: Not applicable
- Toxicological data: Not expected to be toxic
- Carcinogenicity: Not known to be carcinogenic
- Reproductive effects: None known
- Mutagenic effects: None known
- Synergistic effects: None known
- Effects of exposure when: 
  - Inhaled: N/A
  - Skin Contact: N/A
  - Eyes: N/A
  - Ingested: N/A
- Acute overexposure: None known
Foil Lamination:
Recommended exposure limits: N/A
Toxicological data: Not available
Carcinogenicity: N/A
Reproductive effects: N/A
Mutagenic effects: N/A
Synergistic effects: N/A
Effects of exposure when:
  Inhaled: N/A
  Skin Contact: N/A
  Eyes: N/A
  Ingested: N/A
Acute overexposure: None known

VII. PREVENTATIVE MEASURES
Engineering controls: Good general ventilation should be sufficient for most conditions
Respiratory protection: None likely to be needed
Skin protection: Use gloves if required
Eye protection: Use safety goggles if required
Other personal and protective equipment: Safety shoes are recommended
Handling procedures & equipment: Use good industrial practices
Waste disposal: Dispose of product in accordance with local, state, and federal regulations regarding solid non-hazardous wastes.
Storage conditions: None

VIII. FIREST AID MEASURES
Inhalation: Remove to fresh air. Seek medical attention
Ingestion: Consult a physician if pain or discomfort occurs.
Eyes: Flush eyes with clean water. Seek medical attention.
Skin: Wash contaminated skin with mild soap and water. Individual experiencing skin sensitivity should obtain medical advice.
Note to physician: Smoke and hazardous decomposition products in fires involving polyethylene resins can be irritating and may cause pulmonary edema in severely exposed individuals.

IX. SPILL OR LEAK PROCEDURES
Bubble & Foil Film Lamination: In case material is released/spilled, treat/handle as inert material.
Disposal method: Dispose as would with any basically inert material, in accordance with State, Federal & Local regulations.

X. SPECIAL PROTECTION INFORMATION
Ventilation/Local exhaust: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Ventilation/Mechanical (General): Not applicable
Respiratory Protection: None likely to be needed.
Precautions to be taken in handling/storing: No special hazards anticipated under conditions normally encountered in storage, handling, processing, use, or disposal.

MSDS prepared by: Quality Assurance Department for Fi-Foil
Date: Rev May 2000

While the information contained in this document is believed to be reliable as of the date of issue, such information is general in nature. The material described here can be hazardous if not handled, stored and processed properly. Fi-Foil must rely on the user to use the information supplied here, together with any other information to develop appropriate work and use practices.