

FI-FOIL COMPANY MATERIAL SAFETY DATA SHEET

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

<u>INGREDIENT CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>CONTENT</u>
Polyethylene resin			90% - 100%
Foil film lamination:			Max. of 10%
LLDPE, Poly, Foil			
Hazardous ingredients			None Known

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

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.

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

