

Safety Data Sheet

Reflective Bubble Insulation

Section 1: Identification

Product Name: RBI Shield

Synonyms: RRSEDB, RRSTDB, RRTTDB, RRSESB, RRSTSB, RRTTSB, RWSEDB, RWSTDB, RWRTTDB, RRSESB, RRSTSB, RRTTSB, HVAC

Product Use Description: Product is used to insulate from heat transfer in construction, HVAC, and multiple OEM application.

Company: Fi-Foil Company, Inc.
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Section 2: Hazard(s) Identification

Classifications: Not listed

Hazardous Statements: OSHA Hazard Communication Standard 29 CFR 1910.1200 requirements for Material Safety Data Sheets do not apply to the product described in this information sheet. This product is excluded as an article.

Precautionary Statements: None

Section 3: Composition/Information on Ingredients

Hazardous Components	CAS Number	%
None	None	None

Product Components: Polyethylene and metalized polyester.

Section 4: First-Aid Measures

Inhalation: Not a likely route of exposure.

Skin contact: Wash exposed skin with soap and water.

Eye contact: Not a likely route of exposure

Ingestion: Not a likely route of exposure. Consult a physician if ingestion occurs.

Notes to Physician: Symptomatic and supportive therapy as needed.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Water, Foam, Dry Chemical, CO2

Specific Hazards During Fire Fighting: These products can be combusted by remaining in contact with flame. If the flame source is stationary these products will shrink away and self- extinguish. If these products remain in contact with the flame they can continue to burn slowly, dropping flaming liquid which can spread the fire.

Specific Protective Equipment for Fire-Fighters: Wear self-contained breathing apparatus. Wear full protective equipment.

Further Information: NFPA Hazard Code

Health	Flammability	Reactivity	Special Hazard
1	1	0	None
(0=Minimal 1=Slight 2=Moderate 3=High 4=Extreme)			

Section 6: Accidental Release Measures

Personnel Precautions: None due to material form.

Environmental Precautions: None due to material form.

Methods of Cleaning Up: None due to material form.

Section 7: Handling and Storage

Precautions for Safe Handling: Avoid skin contact with molten resins.

Conditions for Safe Storage, Including Incompatibilities: Rolls may telescope. Plastic packaging materials can pick up a static charge. Rolls packaged with shrink wrap or other plastic over wrap should be opened or unwrapped only in non-process areas where ignition sources such as solvents are not in use or in storage.

Store away from heat and sources of ignition. Do not store outside or in direct sunlight. Avoid exposure to oxidizing agents. Recommended storage temperatures are 20F to 100F.

Section 8: Exposure Controls/Personal Protection

Engineering Measure: Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Eye Protection: Safety glasses with side shields or safety goggles are recommended during installation.

Hand Protection: Use impermeable gloves while handling material during installation, removal or disposal. Wash hands before eating or handling foods.

Respiratory Protection: No personal respiratory protective equipment normally required. Where the potential exists for exposure to decomposition products due to heating or elevated temperatures, wear NIOSH approved respiratory protection as appropriate.

Work/Hygiene Practices: Installation sites might require safety considerations such as working in attics or confined spaces. Make sure there is sufficient ventilation. Wear hard hat where there the potential for injury due to exposed nails or other such hazards in the area where the product is being installed.

Wash hands before eating or handling food.

Section 9: Physical and Chemical Properties

Physical State: Solid

Flammability: B3 EN13501-1 F

Appearance: Brown/Foil

Flash Point: Solid not applicable

Odor: None

Vapor Pressure: Not Applicable

Evaporation Rate: Solid not applicable

Boiling Point: Not applicable

Flash Point: Solid Not Applicable

Decomposition Temperature: Unknown

Solubility in Water: Insoluble

Auto Ignition Temperature: Unknown

Section 10: Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: None

Hazardous Decomposition or By-Products: Thermal decomposition can lead to release of irritation gases and vapors, carbon monoxide, carbon dioxide.

Incompatible Materials: exposure to oxidizing agents

Conditions to Avoid: Direct sunlight and moisture.

Section 11: Toxicological Information

Primary route(s) of Exposure: Skin contact

Inhalation: Unlikely to occur under recommended storage conditions.

Skin Contact: Some individuals may experience skin sensitivity or minor irritation due to paper and polyethylene dust residue, oil on aluminum or film additives.

Eye Contact: Unlikely due to material form.

Ingestion: Unlikely due to material form.

Chronic Effects: No data available.

Carcinogenicity: The ingredients of the product are not classified as carcinogenic by ACGIH or IARC, not regulated as carcinogens by OSHA, and not listed as carcinogen by NTP.

Mutagenicity: No applicable data.

Reproductive Effects: No applicable data.

Teratogenicity and Fetotoxicity: No applicable data.

Section 12: Ecological Information

Ecotoxicity: Not applicable

Persistence and Degradability: Not classified as readily biodegradable.

Bio-accumulative Potential: No evidence of occurrence.

Mobility in Soil: Not applicable

Other Adverse Effects: None

Section 13: Disposal Considerations

Dispose of in accordance with existing federal, state and local environmental control regulations. This material is not a hazardous waste under RCRA CFR261 when disposed of in its purchased form.

Section 14: Transport Information

FDOT: Non-Regulated

IMDG/IMO: Non-Regulated

ICAO/IATA: Non-Regulated

Reportable Quantity(RQ): Non-Regulated

Section 15: Regulatory Information

U.S. FEDERAL REGULATIONS

TSCA (Toxic Substance Control Act): All components are either listed or exempt from TSCA

CERCLA: Hazardous Substance: No products were found.

SARA 302 Extremely Hazardous Substances: None

SARA 311/312 Hazard Categories: None

SARA 313 Reportable Ingredients: No products were found.

SARA 313 Toxic Chemical and Release Reporting: No products were found.

Section 16: Other Information

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Reasons for Revisions: New Format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge. The information given is designed only as a guide for safe handling, use, installation, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Fi-Foil Company, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.