Safety Data Sheet

1. IDENTIFICATION

Product Identifier: R-3050, R-3050AP, R-3050 Matte

Recommended use: Vapor Retarder for Thermal Insulation

Manufacturer: Lamtec Corporation
5010 River Road
Mt. Bethel, Pa 18343-5610

Telephone number: 570-897-8200

Emergency phone number: 570-897-8200 (M-F 8:30 to 5:00)

Date of Preparation: September 24, 2026

2. HAZARD(S) IDENTIFICATION

Classification:
This product is a manufactured article as defined in the OSHA Hazard Communication Standard. During normal use no exposure to the hazardous ingredients occurs. A SDS is not required. This SDS is provided for informational purposes.

Physical	Health
Not Hazardous	Not Hazardous

Labeling:

None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration %		
Cellulose	9004-34-6	35	-	45
Aluminum	7429-90-5	20	-	30
Adhesive	Proprietary	15	-	25
Yarn	65997-17-3	10	-	15
Antimony Trioxide	1309-64-4	0	-	<5
DBDPE	84852-53-9	0	-	<10

Antimony Trioxide and DBDPE are inextricably bound within the polymer matrix of this product and not considered a hazardous chemical under the OSHA standard (29 CFR 1910.1200) per (b)(2).

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: First aid is not normally required.
Skin contact: No first aid required.
Eye contact: Flush with water. Seek medical attention if irritation persists.
Ingestion: No first aid required.

Most important symptoms/effects, acute and delayed: No adverse effects expected.

Indication of immediate medical attention and special treatment, if necessary: No immediate medical attention is normally required

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: Combustion may yield oxides of carbon and aluminum as well as HCL , HBR and other organic vapors.
Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: No special precautions required.

Methods and materials for containment and cleaning up: Pick up or sweep up and place in a container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Store in a dry location. Protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Cellulose	10 mg/m3 TWA ACGIH TLV, 15 mg/m3 TWA OSHA PEL (total dust), 5 mg/m3 TWA (respirable fraction)
Aluminum	1 mg/me TWA ACGIH TLV (respirable), 15 mg/m3 TWA OSHA PEL (total dust), 5 mg/m3 TWA (respirable fraction)
Adhesive	Mixture-None Established
Yarn	15 mg/m3 TWA OSHA PEL (total dust), 5 mg/m3 TWA (respirable fraction)
Antimony Trioxide	0.5 mg/m3 TWA ACGIH TLV 0.5 mg/m3 TWA OSHA PEL
DBDPE	2.0 mg/m3 as an 8-hr TWA (NCWL-EPA SNUR) The OSHA PEL for Particulates Not Otherwise Regulated is 15 mg/m3 (5 mg/m3 for respirable fraction).

Appropriate engineering controls: None normally required.

Personal Protective Equipment:
Respiratory protection: No respiratory protection is normally needed.
Skin protection: Wear appropriate gloves when handling to prevent cuts and abrasions.

Eye protection: Safety glasses recommended for cutting and other operations where particles may be generated.

Other: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Solid laminated material
Odor: None

Odor threshold: Not applicable	**pH:** Not applicable
Melting Point/Freezing Point: Not applicable	**Boiling Point:** Not applicable
Flash point: None	**Evaporation rate:** Not applicable
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not applicable	**UEL:** Not applicable
Vapor pressure: Not applicable	**Vapor density:** Not applicable
Relative density: Not available	**Solubility(is):** Insoluble
Partition coefficient: n-Octanol/water: Not applicable	**Auto-ignition temperature:** Not available
Decomposition temperature: Not available	**Viscosity:** Not applicable

10. STABILITY AND REACTIVITY

Reactivity: None known.
Chemical stability: Stable
Possibility of hazardous reactions: None known.
Conditions to avoid: Avoid direct heat and open flames.
Incompatible materials: None known.
Hazardous decomposition products: Thermal decomposition may produce oxides of carbon and aluminum, HCL, HBR and other organic vapors.

11. TOXICOLOGICAL INFORMATION

Inhalation: No adverse effects are expected
Ingestion: Ingestion is unlikely.
Skin contact: No adverse effects are expected
Eye contact: Eye contact may cause abrasions.
Chronic effects from short- and long-term exposure: No adverse effects are expected.
Reproductive Toxicity: No adverse effects are expected.
Sensitization: None of the components are sensitizers.
Mutagenicity: No evidence of mutagenic effects.
Carcinogenicity: Antimony Trioxide is listed by IARC as a 2B carcinogen (probably carcinogenic to humans). However, antimonuy trioxide is inextricably bound in the product matrix and no exposure will occur. No other ingredients are listed by IARC, NTP, OSHA, or the EU CLP.
Acute Toxicity Values:
No Data Available

12. ECOLOGICAL INFORMATION

Ecotoxicity:
No data available
This product is not expected to present an environmental hazard.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	None	Not Regulated	None	None	None
TDG	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None
IATA	None	Not Regulated	None	None	None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under applicable federal, state and local regulations.

SARA Hazard Category (311/312): Not Applicable (manufactured articles)

SARA 313 Information: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

Components	C.A.S. #	WT %		
Antimony Compounds	NO10	0	-	<5

California Proposition 65

This product contains the following chemicals known to the State of California to cause cancer or reproductive toxicity (birth defects):

Components	C.A.S. #	WT %
Antimony Trioxide	1309-64-4	<5

Antimony Trioxide is inextricably bound within the polymer matrix of this product

EPA TSCA Inventory: This is a manufactured article and not subject to TSCA.

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).

Components	C.A.S. #	WT %
DBDPE	84852-53-9	<10

16. OTHER INFORMATION

NFPA Rating: Health = 0 Flammability = 1 Instability = 0

HMIS Rating: Health = 0 Flammability = 1 Physical Hazard = 0

SDS Revision History: Rev 3
Date of preparation: September 24, 2026
Date of last revision: May 1, 2026

NOTICE:

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Lamtec Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.