



Material Safety Data Sheet

Material Name: Filtration Laminate (4306, 4307, 4312, 4319, 4417, 4427, 4441, 4444, 4451, 4456, 4467)

MSDS#: 12312

Section 1 - Chemical Product and Company Identification

Manufacturer Information

W. L. Gore & Associates, Inc.
101 Lewisville Road
Elkton, MD 21922

Phone: 410-392-3300, 8AM - 4:30 PM EST

Emergency # CHEMTREC 800-424-9300 (or 703-527-3887)

Section 2 - Composition / Information on Ingredients

Component	CAS #	Percent	ACGIH	OSHA
Fluoropolymer	Proprietary	2	None Established	None Established
Polyethylene terephthalate (Polyester)	25038-59-9	98	None Established	None Established

Section 3 - Hazards Identification

Emergency Overview

White Laminate

During a fire, toxic and corrosive decomposition products can be generated.

Potential Health Effects

None.

Section 4 - First Aid Measures

First Aid: Eyes

Flush with plenty of water for at least 15 minutes and consult a physician.

First Aid: Skin

No first aid is required.

First Aid: Ingestion

No specific intervention is indicated as the compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

First Aid: Inhalation

If exposed to thermal decomposition products, move to fresh air and consult a physician.

Section 5 - Fire Fighting Measures

Flash Point

Not applicable.

Fire Hazards

During a fire, toxic and corrosive decomposition products can be generated (see section 10).

Hydrogen fluoride fumes emitted during a fire can react with water to form hydrofluoric acid.

Decomposition products generated from molten polyester may be subject to autoignition.

Extinguishing Media

Dry chemical, carbon dioxide, water, or foam. Use extinguishing media appropriate for surrounding fire.

Fire Fighting Equipment/Instructions

Wear self-contained breathing apparatus. Wear full protective equipment. Wear neoprene gloves when handling refuse from a fire.

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Section 6 - Accidental Release Measures

Clean-Up Procedures

None.

Section 7 - Handling and Storage

Handling Procedures

Avoid breathing fibers or dust.

Smokers should avoid contamination of tobacco products with dust from this material.

Storage Procedures

No special precautions necessary.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls

General ventilation.

Personal Protective Equipment

Eyes/Face

Wear safety glasses if handling presents a physical hazard of eye injury.

Skin

None required.

Respiratory

None required.

Section 9 - Physical & Chemical Properties

Appearance: White	Odor: None
Physical State: Laminate	pH: Not Applicable
Vapor Pressure: Not Applicable	Vapor Density: Not Applicable
Boiling Point: Not Applicable	Melting Point: Not Determined
Solubility (H2O): Not Determined	Specific Gravity: Not Determined

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Elevated temperatures.

Incompatibility

Fluoropolymer component is incompatible or can react with finely divided metal powders (e.g., aluminum and magnesium) and potent oxidizers like fluorine (F2) and related compounds (e.g., chlorine trifluoride, ClF3). Contact with incompatible materials may result in fire or explosion.

Hazardous Decomposition

Thermal decomposition products are toxic and may include the following: fumes which can cause polymer fume fever, hydrogen fluoride, and carbonyl fluoride.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Product Information

No data.

Component Carcinogenicity

No components (0.1% or greater) are potential or known carcinogens listed by ACGIH, IARC, OSHA, or NTP.

Section 12 - Ecological Information

Product Information

No data.

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Section 13 - Disposal Considerations

Disposal Instructions

Dispose of waste according to local, state, and federal regulations. Incinerate only if incinerator is capable of scrubbing out hydrogen fluoride and other acidic combustion products.

Section 14 - Transportation Information

US DOT Information

Not regulated.

Section 15 - Regulatory Information

US Federal Regulatory Information

The product is in compliance with TSCA requirements for commercial purposes.

This material does not contain chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4) regulations.

Canadian Regulatory Information

The product is not controlled under WHMIS. The product is in compliance with CEPA.

European Regulatory Information

This product is not a substance or preparation and does not underlay the European directive 67/548/EEC or 88/379/EEC.

Section 16 - Other Information

MSDS Status

Date	Revision #	Comments
04-01-02	1.0000	New MSDS Authoring System

Approved by

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Prepared by

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Other Information

The data in this MSDS relate only to the specific material designated herein. W. L. Gore & Associates, Inc. believes the information contained herein to be accurate as of the effective date given. The data is supplied by manufacturers of individual components. W.L. Gore & Associates, Inc., however, makes no guarantee or warranty of any kind with respect to the information and expressly disclaims all warranties and of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. This MSDS meets the standards and regulatory requirements of the country where W.L. Gore & Associates, Inc. is distributing this product and may not meet the legal or regulatory requirements of other countries. W.L. Gore & Associates, Inc. encourages persons receiving this information to make their own determinations as to the information's suitability and completeness for their particular application.

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