



SAFETY DATA SHEET

THERMAL TECH & TEMP



PTFE TEFLON-COATED FIBERGLASS FABRIC

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PRODUCT & COMPANY IDENTIFICATION

Product Identifier: TTT-PTFE-1650
Common Name: PTFE Teflon-Coated Fiberglass Fabric
Revision Date: 2025
Supplier Details: Thermal Tech & Temp Inc.
P.O Box 1304
Crown Point, IN 46308
Phone: 1.800.674.9284
Email: info@thermaltechtemp.com
sales@thermaltechtemp.com
Website: www.thermaltechtemp.com

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HAZARDS IDENTIFICATION

Classification of Substance: GHS Classification In Accordance with 29 CFR 1910 (OSHA HCS):
Health, Skin corrosion/irritation, 2

**GHS Label Elements, Including
Precautionary Statements:** GHS Signal Word: WARNING
GHS Hazard Pictograms:



GHS Hazard Statements:
H315 - Causes skin irritation

GHS Precautionary Statements:
P264 - Wash _ thoroughly after handling.

**Hazards not Otherwise Classified
(HNOC) or not Covered by GHS:**

Route of Entry: This material may enter the body through inhalation of nuisance dust.

Target Organs: Respiratory System.

Inhalation: Sore, raspy throat. Inhaling fumes of the decomposition productions of polytetrafluoroethylene can induce temporary influenza-like symptoms. These symptoms include fever, cough and malaise.

Skin Contact: Redness and possible rash; itching.

Eye Contact: Itching and redness.

Ingestion: N/A



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COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Ingredients		
CAS #	%	Chemical Name
65997-17-3	65-75%	Fibrous Glass
9002-84-0	25-35%	Polytetrafluoroethylene

Fibrous Glass (CAS 65997-17-3) (65%-75%)
Exposure Limits: OSHA PEL 15 mg/m³ (total), 5 mg/m³ (respirable). ACGIH TLV 1 f/cc

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FIRST AID MEASURES

Inhalation:	Remove person to fresh air. If condition persists, seek medical attention.
Skin Contact:	Rinse with copious quantities of cool water. If rash or itching persists, seek medical attention.
Eye Contact:	Rinse with water. Do not rub eyes. Seek medical attention.
Ingestion:	Not applicable.

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FIRE FIGHTING MEASURES

Flash Point (Method Used):	>250 C by TOC Flamable
Flammable Limits:	LEL: N/A UEL: N/A
Extinguishing Media:	Water, carbon dioxide, or dry chemical.
Special Fire Fighting Procedures:	Thermal decomposition of fiber coating may produce an irritating mixture of smoke and fumes.
Unusual Fire and Explosion Hazards:	None.

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ACCIDENTAL RELEASE MEASURES

Material is a solid in roll form. If accidentally released, rewind material back onto roll.

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HANDLING AND STORAGE

Handling Precautions:	Use adequate material handling equipment.
Storage Requirements:	Store in dry place. Use may be at temperature extremes based on product data, but storage should be at ambient temperature.

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EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls:	Local exhaust; dust collection.
Personal Protective Equipment:	HMISS PP, B Safety Glasses, Gloves. Safety glasses; cotton gloves; long sleeve clothing. Wash thoroughly with soap and water after handling.



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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Grey face with tan back
Physical States:	Solid
Specific Gravity or Density:	1.6
Boiling Point:	N/A
Vapor Pressure	N/A
Potential Hydrogenii:	N/A
Odor:	No odor
Solubility:	Negligible
Freezing or Melting Point:	> 400°F
Vapor Density:	N/A

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STABILITY AND REACTIVITY

Chemical Stability:	Material is stable.
Conditions to Avoid:	None known.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition:	Carbon monoxide; carbon dioxide; hydrogen fluoride.
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat. Fiberglass can cause itching due to mechanical irritation from the fibers. This is not an allergic reaction to the material. Breathing fibers may irritate the airways resulting in coughing and a scratchy throat. Some people are sensitive to fibers, while others are not.

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ECOLOGICAL INFORMATION

No known hazards except for airborne fibers caused by nuisance dust. 10 milligrams per cubic meter for fiber diameters less than 7 microns.

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DISPOSAL INFORMATION

Incineration is preferred in a federal, state, or local approved facility.

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TRANSPORT INFORMATION

None special required.



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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Fibrous Glass (65997-17-3) [65-75%] - TSCA

Polytetrafluoroethylene (9002-84-0) [25-35%] - PA, TSCA

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

PA = PA Right-To-Know List of Hazardous Substances

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OTHER INFORMATION

Disclaimer:

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