



Atlantex Manufacturing Corporation
600 S. Brandywine Avenue • Unit 500
PO Box 568 • Downingtown, PA 19335
Phone: (610) 518-6601
Fax: (610) 518-6602

GHS SAFETY DATA SHEET (SDS)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PYROTHERM HS SLEEVING

COMMON NAME: Saturated fiberglass braided sleeving

SUPPLIER: Atlantex Manufacturing Corporation Telephone: 610-518-6601
600 South Brandywine Avenue, Unit 500 Fax: 610-518-6602
Downingtown, PA 19335 USA Email: CustomerService@atlantexmfg.com

RECOMMENDED USE: Thermal insulation and protection for continuous exposure to temperatures up to 1,200°F

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Not a hazardous substance according to OSHA Hazard Communication Standard 29 CFR 1910.1200

EMERGENCY OVERVIEW: Fiberglass may cause irritation to the skin, eyes, and upper respiratory tract.

GHS LABEL ELEMENT

HAZARD PICTOGRAMS: N/A

SIGNAL WORD: N/A

HAZARD STATEMENTS: Fiberglass may cause irritation to skin, eyes, and upper respiratory tract.

PRECAUTIONARY STATEMENT: N/A

POTENTIAL ROUTES OF ENTRY: Respiration, ingestion, skin, eyes

POTENTIAL HEALTH EFFECTS

EYES: Dust from this product may cause temporary irritation.

SKIN: Dust or filaments from this product may cause temporary irritation.

INGESTION: Unlikely route of entry; accidental ingestion may cause illness or irritation to the mouth and gastrointestinal tract.

INHALATION: Dust from this product may cause irritation of nose, throat, and respiratory tract.

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

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SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	% WEIGHT	% VOLUME
Fibrous Glass	65997-17-3	> 95	> 95
Proprietary Saturant	Mixture	< 5	< 5

OSHA PEL-TWA TOTAL: 15 mg/m³
OSHA PEL-TWA RESPIRABLE: 5 mg/m³
SARA 313 REPORTABLE SUBSTANCES: None found

No ingredients are hazardous according to 2012 OSHA Regulation 29 CFR 1910.1200 criteria.

SECTION 4: FIRST AID MEASURES

- EYES:** Flush eyes with running water. Ensure contact lenses have been removed. Do not rub eyes. Seek medical attention if irritation persists
- SKIN:** Rinse skin with cool water and wash with soap. Remove contaminated clothing. Avoid removing fibers by scratching or blowing with compressed air. Seek medical attention if irritation persists.
- INGESTION:** Unlikely route of exposure. Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Monitor for signs of gastrointestinal tract obstruction. Seek medical advice.
- INHALATION:** Remove person to fresh air. Seek medical attention if condition persists.

IMPORTANT SYMPTOMS

ACUTE: None known
DELAYED: None known

NOTE TO PHYSICIANS OR FIREST AID PROVIDERS: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.



SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (UPPER):	N/A; Fiberglass will not burn
FLASH POINT:	N/A; Fiberglass will not burn
AUTOIGNITION TEMPERATURE:	N/A; Fiberglass will not burn
EXTINGUISHING MEDIA:	Water, carbon dioxide, or dry chemical. Use an extinguishing agent suitable for the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Thermal decomposition of textile sizing agent may produce a mixture of smoke and fumes. Use self-contained breathing apparatus and gear appropriate for surrounding fire.
HAZARDOUS DECOMPOSITION PRODUCTS:	Fiberglass will not burn. Surface binders may decompose at elevated temperatures above 400°F and release CO ₂ and CO (Carbon dioxide and Carbon monoxide).

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECUATIONS:	No special protection is required for this material. Wash with soap and water after handling. Wear proper clothing as described in Section 8 below.
ENVIRONMENTAL PRECAUTIONS:	No special environmental precautions required.
CONTAINMENT METHODS:	Airborne material will settle out of air and collect on the ground. Material is inert and non-hazardous in water, though dispersed fibers may be difficult to remove from water.
CLEANUP PROCEDURES:	Vacuum or wet-sweep fibrous debris and place in designated waste container. Avoid dust-generating means of cleanup.
DISPOSAL METHODS:	Material is a non-hazardous solid and waste may be disposed of with ordinary refuse in accordance with federal, state, and local regulations.



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SECTION 7: HANDLING AND STORAGE

- HANDLING PRECAUTIONS:** Use appropriate personal protective equipment. Avoid eating, drinking, and smoking in areas which this material is handled. Do not swallow. Do not get in eyes. Avoid contact with skin or clothing. Keep product in original packaging until ready for use to minimize dust generation. Keep work areas clean. Avoid unnecessary handling of material. Use adequate material handling equipment. Wash hands after use.
- STORAGE PROCEDURE:** Keep product in original packaging until ready for use. Ensure that containers are closed and properly labeled. Store in a cool, dry environment (typical warehouse conditions). Protect containers from physical damage. Empty containers retain residual fibrous material. Avoid water contamination and protect against moisture. Provide appropriate exhaust ventilation for areas in which dust is formed.
- SPECIFIC APPLICATIONS:** This material is used in high-temperature environments to provide thermal insulation and protection. The above precautions are for room temperature handling. Additional precautions may be necessary, based on the exact application in which the product is used. Material exposed to high temperatures may be hot.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA PEL-TWA TOTAL: 15 mg/m³ **OSHA PEL-TWA RESPIRABLE:** 5 mg/m³

ENGINEERING CONTROLS: Use local exhaust ventilation to maintain appropriate dust levels. Good ventilation should be sufficient to control exposure to airborne material. Dust collecting systems may be used to control dust generation. Vacuum or wet-sweep for cleanup.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY: Wear an MSHA/NIOSH/EN-approved respirator equipped with the appropriate filter cartridge if exposure limits are exceeded or if irritation is experienced.

EYE: Safety glasses with side shields may be worn. Contact lenses are not protective devices and may interfere with eye-flushing procedures.

SKIN / HANDS: Wear clean, body-covering clothing. Closed-toed footwear should be worn. Gloves may be worn to protect against irritation. Launder work clothing separately from other clothing to prevent contamination. Wash thoroughly after handling and before eating, drinking, smoking, using the toilet, or applying cosmetics.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Solid, tan or colored fabric	pH:	5.0 – 7.0
ODOR:	Odorless	MELTING POINT:	> 1470°F (800°C)
BOILING POINT:	N/A	FLASH POINT:	N/A
EVAPORATION RATE:	N/A	VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A	SPECIFIC GRAVITY:	2.5 – 2.7
SOLUBILITY:	Insoluble	VOLATILITY:	N/A

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	The product is stable.
CONDITIONS TO AVOID:	Exposure to high temperatures may degrade the product and release decomposition products as described above.
MATERIALS TO AVOID:	None known.
HAZARDOUS POLYMERIZATION:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

There are no known health effects from the long-term use or contact with nonrespirable fiberglass. All glass fibers used in the product are larger than 3.5 micrometers in diameter and are nonrespirable.

TOXICOLOGICAL INFORMATION

RESPIRATORY:	Not available.	
SKIN:	Not available.	
EYES:	Not available.	
INGESTION:	LD50: Not available.	LC50: Not Available.

SENSITIZATION:	Dusts from this product may cause temporary irritation.
CHRONIC TOXICITY:	Not available.
ENVIRONMENTAL:	No known significant effects or critical hazards.



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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: The generation of waste material should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this production and any by-products should comply with applicable federal, state, and local regulations at all times. Vacuum or wet-sweep fibrous debris and place in designated waste container. Avoid dust-generating means of cleanup. Material is a non-hazardous solid and waste may be disposed of with ordinary refuse in an appropriate container. Never dispose of material in sewer or drainage systems.

WASTE HAZARDS: Not classified as a hazardous waste.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: None.

US DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Glass fabric
HAZARD CLASS: Non-hazardous

WATER TRANSPORTATION

PROPER SHIPPING NAME: Glass fabric
HAZARD CLASS: Non-hazardous
OCEAN POLLUTANT: Not an ocean pollutant

AIR TRANSPORTATION

PROPER SHIPPING NAME: Glass fabric
HAZARD CLASS: Non-hazardous
LIMITED QUANTITIES: No known limits for passenger or cargo aircraft transportation.

SPECIAL SHIPPING PRECAUTIONS: None known.



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SECTION 15: REGULATORY INFORMATION

UNITED STATES FEDERAL REGULATIONS

TSCA: All components are listed or exempted.
CERCLA: Material is not reportable
SARA TITLE III
311/312 HAZARD CATEGORIES: None listed.
313 REPORTABLE INGREDIENTS: None listed.

INTERNATIONAL REGULATIONS:

All components of this product are listed in the Canadian Domestic Substances List (DSL) Inventory. This product is an article and is therefore exempt from the US TSCA, EU EINES, Australia AICS, Korea KECI, Japan MITI ENCS, and the Philippines PICCS requirements.

SECTION 16: OTHER INFORMATION

This information is provided in good faith, and the contents are believed to be true and accurate, but no guarantee as to the inclusiveness nor accuracy is made. Anyone using this product should reference and understand the information provided on this document, and should make independent determinations as to the appropriateness, safe use, and proper disposal of this material. Misuse of this product can be harmful or fatal. Actions such as intentional placing in mouth, swallowing, placing on skin or eyes, and wrapping around neck or limbs should be avoided to prevent harm.

DATE OF MOST RECENT REVISION: April 22, 2016