

**INDUSTRIAL ENERGY PRODUCTS, INC.  
MATERIAL SAFETY DATA SHEET  
HOT-STOP® 1500 PRODUCTS**

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**SECTION I – PRODUCTION IDENTIFICATION**

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HOT•STOP® 1500 PRODUCTS  
INCLUDING FABRIC, TAPE, ROPE AND TUBING

MANUFACTURER:	Industrial Energy Products, Inc.	EMERGENCY TELEPHONE NUMBER:	717-285-4437
ADDRESS:	1200 Corporate Boulevard Lancaster, PA 17601	PRODUCT IDENTIFICATION NUMBER:	N/A
DATE PREPARED:	March 18, 2007	CHEMICAL FAMILY:	N/A
PRODUCT DESCRIPTION:	Treated fiberglass textiles.	CHEMICAL NAME AND SYNONYMS:	N/A

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**Section 11. INGREDIENTS**

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The above products are considered “articles” according to OSHA hazard Communication Standard 29 CFR 1910, 1200 and as such, are exempt from the Material Safety Data Sheet provisions of 29 CFR 1910. 1200 (G) (6). As a service to the customer, Industrial Energy Products, Inc. has prepared this Material Safety Data Sheet to provide appropriate safety and handling information. These products are considered non-hazardous when used according to accepted practices for the intended use.

<u>AS MANUFACTURED:</u>	<u>WT. %</u>	<u>TLV/PEL</u>
Continuous Fibrous Glass (Non Respirable) (Cas #65997-17-3)	85-95%	
Proprietary Ingredients	5-15%	Not Listed
Total Dust		ACGIH TLV: 10 mg/m3 OSHA PEL: 15 mg/m3
Respirable Dust		OSHA PEL: 5mg/m3

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**SECTION III – PHYSICAL DATA**

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Boiling Point	:N/A	Specific Gravity Range (H2O=1)	: 2.55
Melting Point	:N/A	Percent Volatile By Volume	: N/A
Vapor Pressure (mm Hg)	:N/A	Evaporation Rate (Butyl Acetate=1)	: N/A
Vapor Density (Air-1)	:N/A	Solubility in Water	: Insoluble
Vapor Pressure (mm Hg)	:N/A		
Appearance and Odor	: Vitreous silicate fibers six microns in diameter bound together in strands and woven, braided, or twisted into golden brown product with insignificant odor.		

**HOT•STOP® MSDS****SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)	:N/A	Flammable Limit: LEL: N/A
Unusual Fire and Explosive Hazards	: None	UEL: N/A
Special Fire Fighting Procedures	: None	
Extinguishing Media	: N/A Will not burn	

**SECTION V – HEALTH HAZARD DATA****ROUTE OF ENTRY:**

INHALATION: No toxic affects are known to be associated with the inhalation of vapors from this material under normal conditions.

SKIN: Short contact periods with human skin are not likely to produce skin irritation. Repeated/prolonged contact can induce mild irritation. This product is not likely to be absorbed through human skin.

EYES: May cause a physical irritation to the eye.

CARCINOGENICITY: This product is not known as a carcinogen.

HEALTH HAZARD: (Acute & Chronic): None known

SIGNS AND SYMPTOMS OF EXPOSURE: Minor skin irritation

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Experimental studies have shown that chemically exfoliated vermiculite induces a lung response, which is similar to that of mica exposure. After repeated, prolonged exposure to excessive concentrations of mica dust, some mica workers have developed an accumulation of dust in the lungs which is observed only by Chest x-rays and is not considered hazardous to workers' health.

**EMERGENCY FIRST AID PROCEDURES:**

Skin – Wash any material off skin with soap and cool water. If redness, itching or burning sensation develops, get medical attention.

Eyes – Flush with water for at least 15 minutes. If irritation develops, get medical attention.

Ingestion – Not expected to occur.

**SECTION VI – REACTIVITY DATA**

STABILITY	: Stable
CONDITIONS TO AVOID	: None Known
INCOMPATIBILITY	: None Known
HAZARDOUS DECOMPOSITION OR BY PRODUCTS;	
In a sustained fire, the organic binders will decomposition products believed to be insufficient to be harmful.	
HAZARDOUS POLYMERIZATION	: Will not occur
CONDITIONS TO AVOID	: None Known

**HOT•STOP®MSDS**

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SECTION VII – SPILL OR LEAK PROCEDURES

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Material is solid. Pick up big pieces and sweep up any scrapes.

**WATER DISPOSAL METHOD:** Dispose of as any other innocuous material. Discarded product is not a hazardous waste under RCE 40 CFR 261.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

For maximum comfort, avoid excessive contact with skin and use good personal hygiene.

**OTHER PRECAUTIONS:** If excessive dust is generated, use a respirator approved by MSHA or NIOSH for dust.

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SECTION VIII – CONTROL MEASURES

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**RESPIRATOR PROTECTION (specify type):** A NIOSH type TC-21C-XXX dust respirator is recommended if significant dust is created in handling or processing and should be required if necessary to prevent exposure above limits for total and respirable dust.

**VENTILATION:**

**LOCAL EXHAUST:** Is not necessary. Use product in well ventilated areas.

**SPECIAL** : None

**MECHANICAL** : None

**OTHER** : None

**PROTECTIVE GLOVES:** Rubber or synthetic gloves are recommended when necessary to prevent prolonged or repeated skin contact.

**EYE PROTECTION:** As generally good practice, safety glasses can be worn.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None required.

**WORK HYGIENIC PRACTICES:** Avoid excessive contact with skin. Wash thoroughly with soap and water after handling of the material.

**HMIS HAZARD INDEX:** Health – 1, Flammability – 0, Reactivity – 0

\*\* The information herein is given in good faith, but no warranty, expressed or implied is made and we assume no liability from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

N/A = Not applicable

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