



INSULFLEX®



Product: Pyreflect™ sleeve

MATERIAL SAFETY DATA SHEET

1. Chemical product and Company identification

Emergency Contact:	ADL Insulflex, Inc. (address & emergency phone numbers see page 4)
Revised:	June 2008
Chemical family:	N/A
Formula:	Proprietary mixture
Product description:	Aluminized Aramid/Fiberglass blend blanket sewn into sleeve with high-temperature fiberglass thread (thread coated with PTFE)

2. Composition / Information on ingredients

Product Composition CAS Reg. No.	Approx. % Limit Values Wt.
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A. HAZARDOUS

Aluminized Polyester Film	1.50	N/A
Fabric	89.50	N/A
Trade Secret (adhesive)	9.00	N/A

3. Hazards identification

Potential health effects:

Ingestion: None at normal temperatures

Skin contact: None at normal temperatures

Eye contact: None at normal temperatures

Inhalation: None at normal temperatures

Medical conditions aggravated: None known

Sub-chronic (Target organ) effects: None known

Principle Routes of Exposure: None known

Other:

First aid procedures for inhalation: Inhalation of decomposition gases at extreme high temperatures (over 400°F) – remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult physician.

4. First aid measures

Ingestion:	Consult a physician.
Skin:	Wash with soap and water.
Inhalation:	Inhalation of decomposition gases at extreme high temperatures (over 400°F) – remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult physician.
In case of eye contact:	Flush with water for 15 minutes and get medical attention if irritation persists.
Note to physician:	None known.

5. Fire Fighting Measures

Flash point:	N/A
Flammable limits in air – upper %	N/A
Sensitivity to mechanical impact:	No
Extinguishing media:	Naturally self-extinguishing. Material starts to decompose at extreme high temperatures (over 400°F). The adhesive system is self-extinguishing and tends to smolder in the flame. The aluminized polyester film starts to melt at about 400°F. Extinguish with water, chemical foam, dry chemical, Co2 and/or smother.
Special fire fighting procedures:	Wear self-contained breathing apparatus.

6. Accidental Release Measures

Product is a solid.

7. Handling and Storage

Precautions for handling and storage: Normal warehouse conditions.
Avoid high temperatures and open flame.

8. Exposure Controls / Personal Protection

Engineering controls:	None known
Respiratory protection:	Avoid breathing fibers or dust.
Protective gloves:	None required.
Eye and face protection:	Safety glasses.
Other protective equipment:	None required.
Ventilation:	Local exhaust not required. General mechanical is suggested. Individuals with respiratory conditions should wear a dust mask.

9. Physical and Chemical Properties

Boiling point:	N/A
Vapor pressure:	N/A
Vapor density:	N/A
Freezing point:	N/A
Melting point:	N/A
Physical state:	Solid
Odor:	None
% volatile by volume	N/A
pH:	N/A

Specific gravity: > 1
Solubility in water: Negligible

10. Stability and Reactivity

Stability: Stable
Hazardous polymerization: Will not occur.
Hazardous thermal decomposition/
combustion products: None at room temperature. At extreme high temperatures (over 400°F) avoid inhalation of decomposition gases.
Conditions to avoid: Avoid extreme high temperatures (over 400°F) in an enclosed area.

11. Toxicological Information

Product Information:
Acute Oral LD50: Unknown
Acute Dermal LD50: Unknown
Acute Inhalation LC50: Unknown
Ames Test: Unknown

12. Ecological Information

Ecotoxicological Information: Unknown
Chemical Fate Information: Unknown

13. Disposal Considerations

Disposal Method: User should follow normal methods of disposal in accordance with any governmental regulations.

14. Transport Information

DOT shipping name: Not known
DOT Hazard Class: Not known
DOT Label: Not known
UN/NA Label: Not known
Placards: Not known
IATA: Not known
IMO IMDG code: Not known
European Class:
RID (OCTf): Not known
ADR (ECE): Not known
RAR (IATA): Not known

15. Regulatory Information

SARA Section 302: Not known
SARA (311,312) Hazard Class: Not known
SARA (313) Chemicals: Not known
CPSC Classification: Not known
WHMIS Hazard Class: None
Harmonized Code: 5907.00
Hazard Rating Systems
HMIS: Not known
NFPA: Not known

16. Other

Users are advised to ensure that this information is brought to the attention of their employees handling the product. The information given herein is believed to be reliable. However, ADL Insulflex, Inc. makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. ADL Insulflex, Inc.'s obligations shall be only as set forth in ADL Insulflex, Inc.'s standard terms and conditions of sale for this product. In no case will ADL Insulflex, Inc. be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product.

Users of ADL Insulflex, Inc. products should make their own evaluation to determine the suitability of each such product for the specific application and to establish safe handling and installation procedures.

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