

# INSULFLEX®

**Product: Pyreflect™ blanket**

**MATERIAL SAFETY DATA SHEET**



## 1. Chemical Product and Company Identification

Emergency Contact:	ADL Insulflex, Inc. (address & emergency phone numbers - page 4)
Revised:	June 2008
Chemical family:	N/A
Formula:	Proprietary mixture
Description:	Aluminized Aramid/Fiberglass blend

## 2. Composition / Information on ingredients

Product Composition CAS Reg. No.	Approx. % Wt.	Limit Values
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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
Chronic effects/carcinogenic:	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, CO <sub>2</sub> 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 ventilation (if needed) to maintain appropriate airborne dust levels.

#### 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 byproducts: None at room temperature. At extreme high  
temperatures (over 400°F), avoid inhaling  
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: 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.

## **ADL Insulflex, Inc.**      A member of the ADL Group.

8783 Dale Road  
Cobourg, Ontario,  
Canada K9A 4J9

Telephone	(905) 377-1488	Fax	(905) 377-1484
	(800) 461-9323		(800) 461-9328