

INSULFLEX[®]

Product: Fiberflect™ tape AB

MATERIAL SAFETY DATA SHEET



1. Chemical product and Company identification

Emergency contact: ADL Insulflex, Inc.
(address & emergency phone numbers - page 4)

Revised: June 2011

Chemical family: Fiberglass textile

Formula: Proprietary

Product description: Tan fiberglass yarn woven to produce a blanket which has an adhesive back on one side and aluminized foil adhered to the other side and slit into tape form.

2. Composition / Information on ingredients

No hazard rating is available for this product.

Ingredient(s)	CAS Number	Approx. Percentage
Fiberglass	None Assigned	98%
Aluminum foil	None Assigned	1%
Proprietary adhesive	None Assigned	1%

3. Hazards identification

Effects of over exposure;
Eye contact: Slight irritation may result from contact with eyes
Skin contact: Temporary irritation of skin may be produced
Inhalation: Inhalation of airborne fibers may cause irritation to the mouth, nose and throat
Ingestion: May cause temporary irritation of the digestive tract, but not an expected route of entry in industrial uses
Chronic hazards: There are no chronic health effects associated with the use of this product under normal working conditions
Carcinogenicity information: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

4. First aid measures

Ingestion:	Seek medical assistance immediately
Skin:	Wash with soap and water.
Inhalation:	Remove person from source of exposure and then seek medical attention
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
Auto ignition temperature:	N/A
Extinguishing media:	Water, carbon dioxide, foam or dry Chemical
Special fire fighting procedures:	Wear full fire fighting protective equipment including self-contained breathing apparatus
Unusual fire & explosion hazards:	During sustained fire irritating and/or toxic gases may be generated by combustion.

6. Accidental release measures

Material is a solid – dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant. Dispose according to federal, state or provincial regulations.

7. Handling and storage

Precautions for handling and storage:	Keep material in a clean dry place and keep container closed. Particular care should be taken to minimize dust when working with “used” material. If exposure limits are exceeded or if irritation is experienced, NIOSH approved respiratory protection should be worn.
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8. Exposure controls / Personal protection

Engineering controls:	
Respiratory protection:	Use an approved disposable dust respirator designed for nuisance type dusts
Protective clothing:	Wear rubber gloves when handling this product. Personnel that are more susceptible to irritation from fibers or dusts should wear full-body coveralls.
Eye and face protection:	Safety glasses with side shields or chemical splash goggles must be worn to prevent eye contact. A good safety practice is to have an eyewash station readily available near the work area
Hygienic practices:	Use good personal hygiene practices. Protective creams before handling the material may prove beneficial.

Ventilation:	General ventilation and/or local exhaust ventilation should be utilized to maintain exposure limits below the TLV
Exposure limits:	8 hour time weighted average (TWA) 15 minute short term exposure limit (STEL)
OSHA	15 mg/m ³ TWA (total dust)
ACGIH	5mg/m ³ TWA (respirable dust)
NIOSH	5 mg/m ³ TWA (inhalable fraction)
	1 fiber/cm ³ TWA (respirable fraction)
	5 mg/m ³ (total)
	3 fibers/cm ³
	(fibers ≤ 3.5 micrometer in diameter and ≥ 10 micrometer in length)

9. Physical and chemical properties

Softening point:	1555°F
Boiling point:	N/A
Vapor pressure:	N/D
Vapor density:	N/D
Melting point:	2075°F
Physical state:	Woven fabric
Odor:	None
Specific gravity:	2.5
Solubility in water:	Negligible

10. Stability and reactivity

Chemical stability:	Stable at normal temperature and storage conditions
Incompatibilities:	Basic phosphates, hydrofluoric acid and some oxides and hydroxides
Hazardous polymerization:	Will not occur under normal conditions
Hazardous combustion and decomposition: (Coating only)	Oxidation of the hydrocarbon coating produces carbon monoxide and carbon dioxide

11. Toxicological information

Carcinogenicity Status:	This product is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC or OSHA
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12. Ecological information

No information is available; however, toxicity is expected to be low based on the insolubility in water of the product

13. Disposal considerations

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

DOT shipping name:	Not known
DOT Hazard Class:	Not known
DOT Label:	Not known
UN/NA Label:	Not known

15. Regulatory information

WHMIS Hazard Class:	Not regulated
SARA Section 313:	Product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372: None
TSCA:	The chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: None

16. Abbreviations used

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute of Occupational Safety and Health
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
IDHL	Immediately Dangerous to Life or Health
N/A	Not Applicable
N/D	Not Determined
N/E	Not Established
DSL	Domestic Substances List

17. 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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