

INSULFLEX[®]

Product: Thermosleeve™ S

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:	Fibrous glass
Formula:	Proprietary mixture
Product description:	White continuous-filament fiberglass yarn woven to produce a hollow sleeve and saturated with acrylic compound

2. Composition / Information on ingredients

Fiberglass	Colour amber-brown; odorless
Saturant	Acrylic compound

3. Hazards identification

Potential health effects:	
Ingestion:	May cause temporary irritation of the digestive tract, but not an expected route of entry in industrial uses.
Skin contact:	Temporary irritation of skin may be produced.
Eye contact:	May cause mild eye irritation.
Inhalation:	Inhalation of airborne fibers may cause irritation to the mouth, nose and throat.
Medical conditions aggravated:	None known
Sub-chronic (target organ) effects:	None known
Chronic effects/carcinogenity:	None known
Principle routes of exposure:	Contact

4. First Aid measures

Ingestion:	Ingestion is unlikely. If it does occur, watch for several days to make sure intestinal blockage does not occur. If there is blockage, seek medical attention.
Skin:	Wash with soap and running water. Do not rub; use a cloth to help remove fibers.
Inhalation:	Move person to fresh air. Seek medical attention if irritation persists.

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: None
Auto-ignition temp. N/A
Flammable limits in air – upper % None
Sensitivity to mechanical impact: No
Extinguishing media: Standard fire-fighting media.
Special fire fighting procedures: Use self-contained breathing apparatus and full bunker turnout gear in a sustained fire.
Hazardous combustion products: Primary combustion products are carbon monoxide, carbon dioxide and water.

6. Accidental Release measures

Fiberglass and polymerized acrylic saturant are generally considered to be inert materials. No special disposal procedures need to be followed. User should follow all local guidelines to insure proper disposal of waste materials.

7. Handling and storage

Precautions for handling and storage: Normal warehouse conditions.
Ventilation: Local exhaust (if needed) to maintain appropriate airborne dust levels.

8. Exposure controls / Personal protection

Respiratory protection: If needed, dust mask rated for nuisance dust.
Skin protection: Loose fitting long sleeved shirt that covers to the base of the neck, long pants and gloves. Skin irritation is known to occur chiefly at pressure points such as around neck, wrist, waist and between fingers.
Eye protection: Safety glasses, goggles or face shield.
Work and hygienic practices: Handle using good industrial hygiene and safety practices. Avoid unnecessary exposures by using adequate local exhaust ventilation. Remove material from the skin and eyes after contact. Remove material from clothing using vacuum equipment (never use compressed air). Always wash work clothes separately from other clothing. Wipe out the washer or sink to prevent loose glass fibers from getting on other clothing.
Keep the work area clean of dusts and fibers released during processing or fabrication. Use vacuum equipment to clean up product. Avoid dry sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air. Have access to safety showers and eye wash stations.

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
Specific gravity:	Unknown
Acid/alkalinity	Unknown
pH:	N/A
VOC:	N/A
Solubility in water:	Insoluble

10. Stability and reactivity

Stability:	Stable
Hazardous polymerization:	Will not occur.
Hazardous thermal decomposition/ Combustion products:	Carbon dioxide, carbon monoxide, water. Other undetermined compounds could be released in small quantities.
Materials to avoid:	None known.

11. Toxicological information

Product information:	
Acute oral LD50:	Unknown
Acute dermal LD50:	Unknown
Acute inhalation LC50:	Unknown
Ames test:	Unknown

12. Ecological information

This material is not known to cause harm to animals, plants or fish.

13. Disposal considerations

Disposal method:	Normal methods in accordance with any governmental regulations.
RCRA hazard class:	Non-hazardous

14. Transport information

DOT shipping name:	N/A
DOT hazard class:	None
DOT label:	N/A
UN/NA label:	N/A
Placards:	N/A
IATA:	N/A
IMO IMDG code:	N/A

European class:	
RID (OCTf):	N/A
ADR (ECE):	N/A
RAR (IATA):	N/A

15. Regulatory information

SARA Title III:	
Hazard categories:	
Acute health:	Yes
Chronic health:	No
Fire hazard:	No
Pressure hazard:	No
Reactivity hazard:	No
Reportable ingredients:	
Sec. 302/304:	None
Sec. 313:	None
CPSC classification:	N/A
WHMIS hazard class:	None
Harmonized code:	7019.90
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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8783 Dale Road	Telephone	(905) 377-1488	Fax	(905) 377-1484
Cobourg, Ontario,		(800) 461-9323		(800) 461-9328
Canada K9A 4J9				