Induction Melting Repairs Limited

INSULFLEX®

Product: Industrial-grade Pyrojacket®

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:	Silicone rubber
Formula:	Proprietary mixture
Product description:	White fiberglass yarn knitted to produce a hollow sleeve that is covered with silicone rubber on the outside.

2. Composition / Information on ingredients

Fiberglass:	Texturized, white in colour, no odour
Silicone rubber:	Various colours, completely polymerized, no odour

3. Hazards identification

Potential health effects	
Ingestion:	None known
Skin Contact:	None known
Eye Contact:	May cause mild eye irritation.
Inhalation:	May cause irritation to the throat.
Medical conditions aggravated:	None known
Sub-chronic (target organ) effects:	None known
Chronic effects/carcinogenic:	None known
Principle routes of exposure:	Contact
Other:	None known

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 thoroughly with warm water and non-abrasive soap.
Inhalation:	Remove person to fresh air and seek medical attention.

In case of eye contact:	Flush for 15 minutes with copious quantities of lukewarm water. Seek medical attention if irritation persists.
Note to physician:	None known.

5. Fire Fighting measures

Flash point:	Not known
Auto ignition temp.	Not known
Flammable limits in air – upper %	Not known
Sensitivity to mechanical impact:	No
Sensitivity to static discharge:	No
Extinguishing media:	Water spray; carbon dioxide; dry chemical; foam.
Special fire fighting procedures:	In a sustained fire, use self-contained breathing apparatus.

6. Accidental Release measures

Material is a solid. Vacuum or wet-sweep fibrous dust.

7. Handling and storage

Precautions for handling and storage: Normal warehouse conditions.

8. Exposure controls / Personal protection

Engineering controls:	None known
Respiratory protection:	Some applications of these products may not require respiratory protection for fiberglass. However, if airborne fibrous glass concentrations exceed the OSHA permissible limits or if irritation occurs, a properly fitted NIOSH/MSHA approved disposable dust respirator such as the 3M model 8210 (formerly 8710) or model 9900 (in high humidity environments) or equivalent should be used. Use respiratory protection in accordance with your local regulations and OSHA regulations under CFR 1910.134.
Protective clothing:	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 the neck, wrist, waist and between fingers.
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 eye wash station readily available near the work area.
Other protective measures:	Use good personal hygiene practices.
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
Specific gravity:	Undetermined
Acid/alkalinity	Unknown
pH:	N/A
Solubility in water:	Insoluble
VOC:	Unknown

10. Stability and reactivity

Stability:	Stable
Hazardous polymerization:	Will not occur.
Hazardous thermal decomposition/ combustion products:	Carbon dioxide; carbon monoxide; silicone dioxide; crystalline silica; fibers and dust.
Conditions/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 expected to cause harm to animals, plants or fish.

13. Disposal considerations

Disposal method:	Fiberglass and Polymerized silicone rubber are generally considered to be inert materials. No special disposal procedures need be followed. 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 considered hazardous waste
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

WHMIS Hazard Class:	Not known
Harmonized Code:	8546.10.00.90

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.

Induction Melting Repairs Limited
Unit F, Bessemer Road, Attercliffe, Sheffield, South Yorkshire S9 3XN England
Tel: +44 (0)114 244 1001 24 Hours | Fax: +44 (0)114 244 1003
Email: sales@imr-ltd.co.uk | Website: www.imr-ltd.co.uk