

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Insulex

EFFECTIVE DATE: January 8, 2009

WHMIS CLASS: **CHEMICAL FAMILY:**

T.D.G. CLASSIFICATION:

UN: CLASS: PG: MATERIAL USE: Sweating Pipe Insulation

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	ACGTH-TLV	LC50	LD50
Stearic Acid	57-11-14	5-10	N/AP	N/AP	N/AP
Isopropanol	67-63-0	1-5	400ppm TWA	22627ppm rat 4hr.	4420mg/kg oral rat
Acrylic Resin	108-88-3	1-5	N/AP	N/AP	N/AP
Hydrocarbon	68476-86-8	30-60	1000ppm TWA	N/AP	N/AP
Propellant					

PHYSICAL DATA

BOILING POINT(°C): N/D

VAPOUR PRESSURE (psig): 50 @ 22°C

VAPOUR DENSITY (Air=1): N/D

SOLUBILITY IN WATER: Negligible.

pH (as supplied): @ 20°C

APPEARANCE AND ODOUR: Milky white liquid. Solvent odour.

COEF. OF WATER/OIL DIST.:

SPECIFIC GRAVITY (H₂O=1): 1.208 @ 24°C

PERCENT VOLATILE (by vol.): 88%

EVAPORATION RATE (H₂O=1):

FREEZING POINT(°C):

FIRE AND EXPLOSION DATA

FLAMMABILITY: Extremely flammable spray.

FLASH POINT (Deg C method): 14°C. T.O.C.

UEL: N/D

LEL: N/D

HAZARDOUS COMBUSTION PRODUCTS:

MEANS OF EXTINCTION: Foam, dry chemical, carbon dioxide.

SPECIAL FIRE HAZARDS: At elevated temperatures (above 49°C) containers may vent or burst.

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool, use equipment or shielding to protect personnel against bursting, rupturing, or venting containers.

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable. Do not expose to temperatures above 49°C

INCOMPATIBILITY: Strong alkalis, oxidizers, aluminum, and other reactive metals.

HAZARDOUS DECOMPOSITION PRODUCTS: At abnormally high temperatures, possible trace amounts of phosgene.

REACTIVITY: Hazardous Polymerization will not occur.

FIRST AID

EYE: Flush eyes with water lifting eyelids. Get medical attention.

SKIN: Wash exposed skin with soap and water.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration. Get medical attention.

INGESTION: Do not induce vomiting. Get medical attention. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis. Never give anything by mouth to an unconscious person.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Skin contact.

EFFECTS OF ACUTE EXPOSURE:

EYE: Can cause severe irritation, redness, tearing, and blurred vision.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.

INHALATION: Minimal effects below 1000ppm, dizziness, drowsiness, and throat irritation above 1000 ppm. Unconsciousness and death possible at levels above 10,000ppm. Blood pressure and cardiac sensitization, ventricular arrhythmia can result from exposure to near anesthetic levels.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Vomiting can cause chemical pneumonitis.

EFFECTS OF CHRONIC EXPOSURE:

SKIN:

IRRITANCY:

RESPIRATORY TRACT SENSITIZATION:

CARCINOGENICITY: Non hazardous by WHIMIS material.

REPRODUCTIVE TOXIN: Not sufficient data.

TERATOGENICITY: Not sufficient data.

MUTAGENICITY: Not sufficient data.

SYNERGISTIC MATERIALS: N/AV

EXPOSURE LIMITS:

PREVENTATIVE MEASURES

GLOVES: Neoprene nitrite rubber, or polyvinyl gloves.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations.

RESPIRATORY PROTECTION: Approved organic type respirator acceptable if concentration is 350-1000ppm.

OTHER PROTECTIVE EQUIPMENT: Do not eat, or smoke in work area. Wash hands before eating.

ENGINEERING CONTROLS: Provide sufficient mechanical, and/or local exhaust ventilation to maintain exposure below TLV(S).

LEAK AND SPILL PROCEDURE: Clean up area by mopping, or with absorbent materials. Contact federal, provincial, or local authorities for approved disposal procedure.

WASTE DISPOSAL: Empty all propellant from can. Place in a permitted waste disposal facility.

STORAGE REQUIREMENTS: Do not store at temperatures above 49°C.

HANDLING PROCEDURES:

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN ·
>=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE

REACTIVITY

HEALTH

PERSONAL PROTECTION

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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