

SILPAK, INC.
169 ATLANTIC STREET
POMONA, CA. 91768
909-595-6191
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MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER: SILPAK, INC.
ADDRESS: 169 ATLANTIC STREET/POMONA, CA. 91768
EMERGENCY TELEPHONE #: 909-595-6191
CHEMICAL NAME AND SYNONYMS: MIXTURE
TRADE NAME AND SYNONYMS: THIX #2; THIX-5170
CHEMICAL FAMILY: POLYSILOXANE MIXTURE
FORMULA: PROPRIETARY MIXTURE
NON-HAZARDOUS

25175170

SECTION II HAZARDOUS INGREDIENTS

POLYSILOXANE MIXTURE: 100% PROPRIETARY FORMULATION

SECTION III PHYSICAL DATA

BOILING POINT (F): 760 mm Hg.: Decomposes above 200C
SPECIFIC GRAVITY: (H2O=1) 0.971 AT 20/20C
VAPOR PRESSURE @ 20C: <0.01 mm Hg
VAPOR DENSITY (AIR=1): 9.3
EVAPORATION RATE (nBuAc=1): Nil
SOLUBILITY IN WATER by wt: 1.00
APPEARANCE AND ODOR: Clear liquid; mild characteristic odor.

SECTION IV
FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 210F Closed Cup ASTM D 93
FLAMMABLE LIMITS IN AIR: Not Determined
EXTINGUISHING MEDIA: Apply alcohol-type or all-purpose-type foam by manufacturer's recommended techniques for large fires. Use CO2 or dry chemical media for small fires.
SPECIAL FIRE FIGHTING PROCEDURES: Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: This material may produce a floating fire hazard in extreme fire conditions.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None established by ACGIH or OSHA
EFFECTS OF SINGLE OVEREXPOSURE: SWALLOWING/SKIN
ABSORPTION/INHALATION: No evidence of adverse effects from available information.
SKIN CONTACT: May cause irritation experienced as reddening and itchiness.
EYE CONTACT: Causes moderate to severe irritation, seen as marked excess reddening and swelling.
EFFECTS OF REPEATED OVEREXPOSURE: Repeated skin contact may cause local depigmentation of the skin.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Skin contact may aggravate an existing dermatitis.
SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION: None currently known.
OTHER EFFECTS OF OVEREXPOSURE: Overexposure to vapors generated at high temperatures may result in eye and respiratory tract irritation and in the inhalation of harmful amounts of material.
EMERGENCY AND FIRST AID PROCEDURES: **SKIN:** Wash with soap and water.
EYES: Flush thoroughly with water for several minutes. Seek medical attention.
INGESTION: No harmful effects expected.
INHALATION: Remove to fresh air.
NOTE TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION VI REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: Normally unreactive; however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear suitable protective equipment, especially eye protection. Small spills could be flushed with large amounts of water. Larger spills could be collected for disposal.
WASTE DISPOSAL METHOD: Incinerate in a furnace or otherwise dispose of in accordance with applicable Federal, State and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required for use at low temperatures.
VENTILATION: General (mechanical) room ventilation is satisfactory for use at low temperatures. If used at high temperatures, special local ventilation is recommended at points where vapors can be expected to escape to the work place air.
PROTECTIVE GLOVES: Polyvinyl chloride-coated.
EYE PROTECTION: Monogoggles
OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
WARNING: CAUSES EYE AND SKIN IRRITATION; COMBUSTIBLE.
Avoid contact with eyes, skin and clothing. Keep away from heat and flame. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

OTHER PRECAUTIONS: NONE Prepared by: P.J. Galarneau 2/99