

SILPAK, INC.

470 E. BONITA AVE. POMONA, CA 91767
(909) 625-0056 FAX (909) 625-0082 WWW.SILPAK.COM

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER: SILPAK, INC.
ADDRESS: 470 E. BONITA AVE. POMONA, CA 91767
EMERGENCY TELEPHONE #: 909-625-0056
CHEMICAL NAME AND SYNONYMS: ORGANOPOLYSILOXANE MIXTURE
TRADE NAME & SYNONYMS: **R-1324 A**
CHEMICAL FAMILY: 2 PART RTV RUBBER MIXTURE
FORMULA: NOT A SINGLE CHEMICAL.
DOT (CFR 49): HAZARD CLASSIFICATION/PER CFR 49
NFPA: HEALTH 0, FIRE 1, REACTIVITY 0
CALIFORNIA PROP 65: NOT LISTED
SARA SECTION 313: NOT LISTED

SECTION II HAZARDOUS INGREDIENTS

POLYDIMETHYL SILOXANE MIXTURE: <50 CAS # 63148-60-7
MINERAL FILLERS: >50 CAS # 1317-65-3
HYDROPHOBIC SILICON DIOXIDE AMORPHOUS >40 CAS # 112945-52-5

ABOVE IS A PROPRIETARY FORMULATION

SECTION III PHYSICAL DATA

BOILING POINT (F): N/A SPECIFIC GRAVITY (H2O=1): 1.16
VAPOR PRESSURE (mm Hg) @ 77F: NEG
PERCENT VOLATILE BY VOLUME (%) @ 77F: 0.5 MAX
VAPOR DENSITY (AIR=1): N/A
EVAPORATION RATE (ETHYL ETHER = 1): NEG.
SOLUBILITY IN WATER: N/A
APPEARANCE AND ODOR: NATURAL AND ODORLESS PASTE`

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): UN#: NOS
FLAMMABLE LIMITS: Not Measured
EXTINGUISHING MEDIA: Foam, dry chemical, or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: None required
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A
EFFECTS OF OVEREXPOSURE: No significant effect. Eye Contact: May cause slight irritation.
Ingestion: Induce vomiting and contact a physician or a poison control center.

EMERGENCY AND FIRST AID PROCEDURES: SKIN: Remove liquid from skin with a towel or dry cloth and wash exposed area with detergent. EYES: Immediately flush with water for at least 15 minutes.
INGESTION: Induce vomiting.

SECTION VI REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (MATERIALS TO AVOID): None
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain the spill or leak, scrape up with cardboard or a rag, and place in a container.

WASTE DISPOSAL METHOD: Can be burned in accordance with regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Not required
PROTECTIVE GLOVES: Plastic film or rubber gloves
EYE PROTECTION: Safety glasses
OTHER PROTECTIVE EQUIPMENT: Eye wash equipment

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINER CLOSED. STORE IN A COOL PLACE AND KEEP AWAY FROM HEAT OR FLAME. DON'T LAY CONTAINER ON IT'S SIDE.

OTHER PRECAUTIONS: AVOID PROLONGED CONTACT WITH EYES AND REPEATED CONTACT WITH SKIN.

*NOS: NOT OTHERWISE SPECIFIED

Prepared by: JERRY GALARNEAU 01-2-03

**MATERIAL SAFETY DATA SHEET
"B" COMPONENT**

SECTION I

CHEMICAL NAME AND SYNONYMS: ORGANOPOLYSILOXANE SOLUTION

TRADE NAME & SYNONYMS: **R-1324 B**

CHEMICAL FAMILY: CATALYST FOR SILICONE RUBBER

FORMULA: PROPRIETARY MIXTURE

DOT (CFR 49): HAZARD CLASSIFICATION/PER CFR 49

NFPA: HEALTH 0, FIRE 1, REACTIVITY 0

CALIFORNIA PROP 65: NOT LISTED

SARA SECTION 313: NOT LISTED

SECTION II HAZARDOUS INGREDIENTS

PIGMENT: COLOR PER SYSTEM

CATALYST: METALLIC COMPLEX >10

POLYSILOXANE POLYMER <40

POLYSILICATES <20

ABOVE IS A PROPRIETARY MIXTURE

SECTION III PHYSICAL DATA

BOILING POINT (F): 172 SPECIFIC GRAVITY: 1.05

VAPOR PRESSURE (mm Hg.): 50

PERCENT VOLATILE BY VOLUME (%) AFTER 3 HRS @ 221F: N/A

SOLUBILITY IN WATER: NO

VAPOR DENSITY (AIR=): 1.6

EVAPORATION RATE: (ETHANOL=1): 1

APPEARANCE & ODOR: SLIGHTLY SOLVENT ODOR, COLOR BLUE

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 166F UN#: NOS

FLAMMABLE LIMITS: Ethanol Lel - 4.3 / Uel - 1.9

EXTINGUISHING MEDIA: Foam, dry chemical, or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Use approved respirator & protective clothing. Flammable material due to solvents.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Solvent vapors form explosive mixtures with air.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: Inhalation may cause dizziness, headache and nausea. Eye and skin contact: May cause irritation and dermatitis.

EMERGENCY AND FIRST AID PROCEDURE: Inhalation: Remove to fresh air; give artificial respiration or oxygen; call physician.

Eyes: Immediately flush with water for at least 15 minutes; call physician. Skin: remove from skin with a dry cloth - then wash with detergent.

SECTION VI REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (materials to avoid): None

CONDITIONS TO AVOID: Heating

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut off ignition sources; wear appropriate protective equipment. Collect spill on absorbent material.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Approved Respirator

VENTILATION: Local Exhaust Required

PROTECTIVE GLOVES: Rubber Gloves

EYE PROTECTION: Splash Proof Goggles

OTHER PROTECTIVE EQUIPMENT: Safety shower and eye wash equipment.

SECTION IX SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINER CLOSED. STORE IN A COOL PLACE.

OTHER PRECAUTION: WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM SPARKS, FLAME AND HEAT. USE ONLY WITH ADEQUATE VENTILATION.

*NOS: NOT OTHERWISE SPECIFIED

PREPARED BY: JERRY GALARNEAU 1/2/03