

SILPAK, INC.

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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 SP 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 01-2-02

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

CHEMICAL NAME AND SYNONYMS: ORGANOPOLYSILOXANE SOLUTION**TRADE NAME & SYNONYMS:** R-1324 SP 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 1/2/02