

### 1. CHEMICAL AND COMPANY IDENTIFICATION

Product Identifier: **SR-2237SL A**  
 Use: Component for Silicone RTV Rubber;  
 Professional/Industrial use

Company: SILPAK, INC.  
 470 EAST BONITA AVE. POMONA, CA 91767

Phone Number: 909-625-0056,  
 Emergency Phone: CHEMTREC 1-(800)-424-9300

Email: silpak@aol.com

### 2. HAZARDS IDENTIFICATION

**HAZARD CLASSIFICATION:** NON HAZARDOUS  
 This material is not considered hazardous according to GHS/OSHA Hazardous Communication Standard (OSHA 29 CFR 1910.1200).

**LABEL ELEMENTS:** Not required

**SUPPLEMENTAL INFORMATION:** This is one part of a two-component system. Read and understand the information on part B before using.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Mixture**  
 General Information: Mixture of Polyorganosiloxanes, fillers.

### 4. FIRST AID MEASURES

**INHALATION:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**SKIN CONTACT:** Wipe excess material off skin with a dry cloth. Wash contact area with soap and water. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

**EYE CONTACT:** Immediately flush with water for 15 minutes while holding eyelids open. Get medical attention if irritation develops or persists or if visual changes occur.

**INGESTION:** Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

#### Notes to Physician:

Hazards: No specific recommendations  
 Treatment: No specific recommendations

### 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide (CO<sub>2</sub>), and alcohol resistant foam.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet as an extinguisher, as this will spread fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material will burn under fire conditions. Hazardous decomposition products: Oxides of carbon and silica, formaldehyde.

**SPECIAL FIRE FIGHTING PROCEDURES:** No specific recommendations.

**SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIREFIGHTERS:** Wear approved positive pressure, self-contained breathing apparatus (SCUBA) and full body protective clothing. Use water to cool fire exposed containers and disperse vapors.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Wear appropriate protective clothing, gloves and safety glasses to prevent eye and skin contact.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Dike and contain spill. Scrape up or cover with an inert absorbent material and collect into an appropriate container for disposal.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow to enter drains and sewers or watercourses

### 7. HANDLING AND STORAGE

**HANDLING:** Minimize contact with skin and eyes. Wash thoroughly after handling.

**STORAGE:** Store in original, unopened containers in a cool, dry, well-ventilated place.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**OCCUPATIONAL EXPOSURE LIMITS:** No assigned limits.

**PROTECTIVE MEASURES:** No specific precautions.

**RESPIRATORY PROTECTION:** No protection is ordinarily required under normal conditions of use and with adequate ventilation. This product can form formaldehyde vapors when heated to temperatures above 302F (150C) in the presence of air.

**SKIN PROTECTION:** Good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing and gloves.

**EYE PROTECTION:** Wear approved safety glasses.

**OTHER PROTECTIVE MEASURES:** Observe good personal hygiene measures, such as washing after handling material, especially before eating, drinking, and smoking. Wash work clothing periodically and protective equipment to remove contaminants.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Tan, viscous liquid  
**Odor:** Slight odor  
**Odor Threshold:** No data available  
**pH:** Not applicable  
**Freezing Point:** No data available  
**Boiling Point:** Not applicable  
**Flash Point:** 482F (250C) Open Cup  
**Evaporation Rate:** No data available  
**Flammability Limits:** No data available  
**Vapor Pressure:** Negligible @ 77F (25C)  
**Vapor Density:** Not applicable  
**Relative Density:** 1.23 @ 77F (25C)  
**Solubility in Water:** Insoluble in water  
**Solubility in Solvent:** Soluble by high shear mix  
**Partition Coefficient: n-octanol/water:** No data available  
**Auto-ignition Temperature:** No data available  
**Decomposition Temperature:** No data available  
**Viscosity:** 40,000—60,000 cps

### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable  
**POSSIBILITY OF HAZARDOUS REACTION:** Will not occur  
**CONDITIONS TO AVOID:** None known  
**INCOMPATIBLE MATERIALS:** Strong oxidizers, strong acids, strong bases  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal breakdown may release carbon oxides and traces of incompletely burned carbon compounds and silicon dioxide. Formaldehyde vapors can form when material is heated to temperatures above 302F (150C) in the presence of air.

### 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF EXPOSURE

**INHALATION:** No data available  
**INGESTION:** No data available  
**SKIN CONTACT:** No data available  
**EYE CONTACT:** No data available  
**RESPIRATORY SENSITIZATION/ IRRITATION:** No data available  
**SKIN CORROSION/IRRITATION:** No data available.  
**EYE DAMAGE/IRRITATION:** No data available  
**SKIN SENSITIZATION:** No data available  
**CHRONIC HEALTH EFFECTS:** No data available  
**ACUTE TOXICITY VALUES:** No data available  
**MUTAGENICITY:** No data available.

**CARCINOGENICITY:** Product not considered carcinogen by IARC, ACGIH, NTP, or OSHA.

**REPRODUCTIVE TOXICITY:** No data available

**SPECIFIC TARGET ORGAN TOXICITY (Single or Repeated Exposure):**  
No data available

**ASPIRATION HAZARD:** No data available

**OTHER INFORMATION:** None

### 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** No data available

**BIODEGRADATION:** No data available

**BIOACCUMULATION:** No data available

**AQUATIC TOXICITY:** No data available

**MOBILITY:** No data available

### 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations and product characteristics at time of disposal.

### 14. TRANSPORT INFORMATION

Not regulated for transport in any mode.

**EMERGENCY SHIPPING:** CHEMTREC 1-(800)-424-9300

### 15. REGULATORY INFORMATION

**Inventory Status:** On or in compliance with the inventory for the following:

Australia AICS:

Canada DSL Inventory List:

China Inv. Existing Chemical Substances:

EU EINECS List:

Korea Existing Chemicals Inv. (KECI):

Philippines PICCS:

US TSCA Inventory:

New Zealand Inventory of Chemicals:

### U.S. Federal Regulatory Information

**CERCLA Hazardous Substance List (40 CFR 302.4):** None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):** None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130):** None present or none present in regulated quantities.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** None present or none present in regulated quantities.

### SARA Title III

**Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):** None present or none present in regulated quantities.

**Section 304 Emergency Release Notification:** None present or none present in regulated quantities.

**Section 311, 312 (40 CFR 370):** Reactive

**Section 313 Toxic Chemicals (40 CFR 372):** None present or none present in regulated quantities.

### U.S. State Regulations

**California proposition 65 Reproductive Toxins and Carcinogens:**  
No ingredient regulated.

**Massachusetts Substance List:** Contains no listed components.

**New Jersey Right-To-Know Hazardous Substance List:**

Contains no listed components.

**Pennsylvania Right-To-Know Hazardous Substance List:**

Contains no listed components.

**Rhode Island Right-To-Know Hazardous Substance:**

Contains no listed components.

### 16. OTHER INFORMATION

**HMIS HAZARD IDENTIFICATION:**

H-1, F-1, PH-0, PP-B \*B-Safety Glasses & Gloves

**NFPA HAZARD IDENTIFICATION:**

H-1, F-1, R-0

**Training Advice:** Train personnel using this product in proper chemical handling, engineering controls and protective equipment.

**Recommended Uses and Restrictions:** This product is intended for industrial/professional use only.

**SDS Revision Notes:** Updating MSDS to 16 section SDS format.

**Disclaimer:** These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

**Date Prepared/Revised:** May 31, 2015; Supersedes: January 14, 2013

### 1. CHEMICAL AND COMPANY IDENTIFICATION

Product Identifier: **SR-2237SL B, SR-2230 SL B**  
 Use: Component for Silicone RTV Rubber; Professional/Industrial use

Company: SILPAK, INC.  
 470 EAST BONITA AVE. POMONA, CA 91767

Phone Number: 909-625-0056,  
 Emergency Phone: CHEMTREC 1-(800)-424-9300

Email: silpak@aol.com

### 2. HAZARDS IDENTIFICATION

**HAZARD CLASSIFICATION:** NON HAZARDOUS

**LABEL ELEMENTS:** Not Required.

**SUPPLEMENTAL INFORMATION:** This is one part of a two-component system. Read and understand the information on part A before using. *Chemicals containing silicon—hydrogen bonds (SiH). During storage this product may generate hydrogen gas. Prevent contact with strong acids and bases or oxidizing materials which will cause flammable vapors. For further information, refer to Section 10: "Stability and Reactivity".*

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Mixture**  
 General Information: Mixture of Polyorganosiloxanes, fillers.

### 4. FIRST AID MEASURES

**INHALATION:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**SKIN CONTACT:** Remove contaminated clothing. Immediately remove material from skin with a dry cloth. Wash contact area with soap and water. Get medical attention if irritation or other symptoms develop.

**EYE CONTACT:** Immediately flush with water for 15 minutes while holding eyelids open. Get medical attention if irritation persists

**INGESTION:** Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

#### NOTES TO PHYSICIAN:

Hazards: No specific recommendations  
 Treatment: No specific recommendations

### 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use alcohol compatible foam and carbon dioxide (CO<sub>2</sub>).

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use solid water stream as it will spread fire. Do not use alkaline powders.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Product will burn under fire conditions. This product may generate hydrogen gas. For further information, refer to Section 10: "Stability and Reactivity". Prevent contact with strong acids and bases or oxidizing materials which will cause flammable vapors. Hazardous decomposition products: Formaldehyde, oxides of carbon and silica.

**SPECIAL FIREFIGHTING PROCEDURES:** No specific recommendations.

**SPECIAL PRECAUTIONS:** Wear approved positive pressure, self-contained breathing apparatus and full body protective clothing. Use water to keep fire exposed containers cool and disperse vapors.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS AND PROTECTIVE EQUIPMENT:** Wear appropriate protective clothing to prevent eye and skin contact.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow to enter drains and sewers.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Cover with an inert absorbent material and collect into an appropriate container for disposal.

### 7. HANDLING AND STORAGE

**HANDLING:** Avoid breathing mist or vapor from heated material. Avoid contact with skin, eyes and clothing. Do not mix with incompatible materials— For further information, refer to Section 10: "Stability and Reactivity". Wash thoroughly after handling.

**STORAGE:** Store in original container. Store indoors in a cool, dry place with adequate ventilation. Keep containers sealed and closed when not in use. Vent container to eliminate internal pressure. Keep away from incompatible materials, open flames, and high temperatures.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**OCCUPATIONAL EXPOSURE LIMITS:** None established

**PROTECTIVE MEASURES:** No specific precautions

**RESPIRATORY PROTECTION:** No protection ordinarily required under normal use and with adequate ventilation. Provide adequate ventilation during operations which cause vapor formation. Formaldehyde vapors can form when product is heated to temperatures above 302F (150C) in the presence of air.

**SKIN PROTECTION:** Good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing and gloves.

**EYE PROTECTION:** Wear chemical safety glasses or goggles.

**ENGINEERING CONTROLS:** Eyewash stations.

**OTHER PROTECTIVE MEASURES:** Observe good personal hygiene measures, such as washing after handling material, especially before eating, drinking, and smoking. Wash work clothing periodically and protective equipment to remove contaminants.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Green colored liquid SR-2237SL B

**Odor:** No Odor

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** Not applicable

**Boiling Point:** No data available

**Flash Point:** >201F (94C) Closed Cup

**Evaporation Rate:** No data available

**Flammability (solid, gas):** No data available

**Flammability Limits (upper/lower):** No data available

**Vapor Pressure:** Negligible 25C (77F)

**Vapor Density:** No data available

**Relative Density:** 1.05 @ 25C (77F)

**Solubility in Water:** Insoluble

**Solubility in Solvent:** Yes

**Partition Coefficient: n-octanol/water:** No data available

**Auto-ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** 300 cps @ 25C (77F)

### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under recommended conditions.

**POSSIBILITY OF HAZARDOUS REACTION:** During storage, product may generate hydrogen gas.

**CONDITIONS TO AVOID:** Avoid excessive heat, sparks, open flames and other ignition sources.

**INCOMPATIBLE MATERIALS:** Avoid contact strong oxidizing agents, strong acids and strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Product may generate hydrogen gas when it comes in contact with acidic, basic or oxidizing materials. Thermal decomposition may generate oxides of carbon, silicon

dioxide. Formaldehyde vapors can form when product is heated to temperatures above 302F (150C) in the presence of air.

### 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF EXPOSURE

**INHALATION:** No data available

**INGESTION:** No data available

**SKIN CONTACT:** No data available

**EYE CONTACT:** No data available

**RESPIRATORY SENSITIZATION/ IRRITATION:** No data available

**SKIN CORROSION/IRRITATION:** No data available.

**EYE DAMAGE/IRRITATION:** No data available

**SKIN SENSITIZATION:** No data available

**CHRONIC HEALTH EFFECTS:** No data available

**ACUTE TOXICITY VALUES:** No data available

**MUTAGENICITY:** No data available.

**CARCINOGENICITY:** Not listed by IARC, NTP or OSHA.

**REPRODUCTIVE TOXICITY:** No data available

**SPECIFIC TARGET ORGAN TOXICITY (Single or Repeated Exposure):**

No data available

**ASPIRATION HAZARD:** No data available

**OTHER INFORMATION:** None

### 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** No data available

**BIODEGRADATION:** No data available

**BIOACCUMULATION:** No data available

**AQUATIC TOXICITY:** No data available

**MOBILITY:** Not determined

### 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations and product characteristics at time of disposal.

### 14. TRANSPORT INFORMATION

Not subject to transport regulations

**ENVIRONMENTAL HAZARDS:** Not Regulated

**EMERGENCY SHIPPING:** CHEMTREC 1-(800)-424-9300

### 15. REGULATORY INFORMATION

**Inventory Status:** On or in compliance with the inventory for the following:

Australia AICS:

Canada DSL Inventory List:

China Inv. Existing Chemical Substances:

EU EINECS List:

Korea Existing Chemicals Inv. (KECI):

Philippines PICCS:

US TSCA Inventory:

New Zealand Inventory of Chemicals:

#### U.S. Federal Regulatory Information

**CERCLA Hazardous Substance List (40 CFR 302.4):** Unlisted

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):**

Non present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130):** Non present or none present in regulated quantities.

#### SARA Title III

**Section 302 Extremely Hazardous Substance:** None

**Section 311, 312 (40 CFR 370):** Reactive

**Section 313 Toxic Chemicals (40 CFR 372):** Non present or none present in regulated quantities.

**EPA TOXIC SUBSTANCES CONTROL ACT (TSCA):** Listed

#### U.S. State Regulations

**California proposition 65 Reproductive Toxins and Carcinogens:**

No ingredient regulated.

**Massachusetts Substance List:** Contains no listed components.

**New Jersey Right-To-Know Hazardous Substance List:**

Contains no listed components.

**Pennsylvania Right-To-Know Hazardous Substance List:**

Contains no listed components.

**Rhode Island Right-To-Know Hazardous Substance:**

Contains no listed components.

### 16. OTHER INFORMATION

**HMIS HAZARD IDENTIFICATION:**

H-1, F-1, PH-1, PP-B \*B-Safety Glasses & Gloves

**NFPA HAZARD IDENTIFICATION:**

H-1, F-1, R-1

**Training Advice:** Train personnel using this product in proper chemical handling, engineering controls and protective equipment.

**Recommended Uses and Restrictions:** This product is intended for industrial/professional use only.

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