

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: ROKLIN FLEXSET Side-B**

## SECTION I - MANUFACTURER IDENTIFICATION

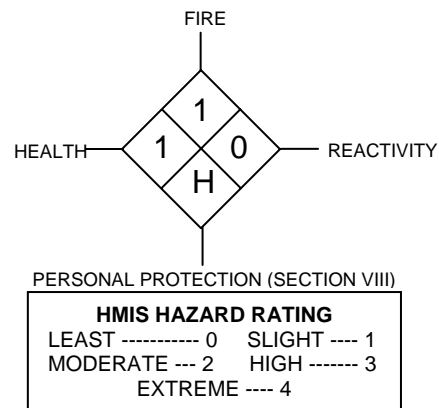
**COMPANY NAME:** Roklin Systems, Inc.

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**INFORMATION PHONE:** 949-707-6111

**EMERGENCY CONTACT:** 1-949-707-6111

**DATE REVISED:** December 1<sup>st</sup>, 2008



## SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS	OSHA PEL	ACGIH TLV	MFG TLV	VAPOR PRESSURE
						mm Hg @ TEMP
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT***						

\* No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** >200°C (392°F)

**SPECIFIC GRAVITY:** (H<sub>2</sub>O=1): 1.044

**COATING V.O.C.:** N/A

**VAPOR DENSITY:** Heavier than air

**EVAPORATION RATE:** Slower than ether

**SOLUBILITY IN WATER:** Slight

**APPEARANCE AND ODOR:** Grey liquid, mild aromatic

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** 150°C (302°F)

**METHOD USED:** PMCC

**FLAMMABLE LIMITS IN AIR BY VOLUME:** Lower: N/E

Upper: N/E

**EXTINGUISHING MEDIA:** Dry chemical, foam, carbon dioxide, halogenated agents. If water is used, use very large quantities of cold water.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with full-face piece. Boots, gloves (neoprene), goggles, and full protective clothing are also required.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may rupture due to very high temperature or induced pressure.

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Heat, high temperature, open flame, sparks, and moisture. Contact with incompatible materials in a closed system will cause buildup of pressure.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Isocyanates and strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Organic vapors and other thermal decomposition products.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION VI - HEALTH HAZARD DATA

**SKIN CONTACT:** Frequent and prolonged contact can cause irritation and/or dermatitis.

**EYE CONTACT:** Can irritate eyes.

**SKIN ABSORPTION:** Systemically toxic concentrations of this product will probably not be absorbed through human skin.

**INGESTION:** This material is classified as "Relatively Nontoxic" by ingestion. In humans, irritation or chemical burns of the mouth, pharynx, esophagus and stomach can develop following ingestion, and injury may be severe and possibly fatal in extreme cases.

**INHALATION:** Vapors can irritate eyes, nose and respiratory passages. Overexposure may induce headaches, dizziness, drowsiness or unconsciousness. Chronic exposures may result in permanent decreases in lung function.

**HEALTH HAZARDS: ACUTE:** Exposure may cause mucous membrane and respiratory tract irritation, tightness of chest, headache, shortness of breath, and a dry cough. The effects of acute exposure may be delayed in onset up to 12-24 hours. **CHRONIC:** Repeated exposure above current occupational limits may cause an allergic sensitization of the respiratory tract. This is characterized by an asthma-like response upon re-exposure to the chemical. The symptoms may include coughing, wheezing, shortness of breath and chest tightness, and may be fatal.

**CARCINOGENICITY:** NTP: No

IARC Monographs: No

OSHA Regulated: No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Cardiovascular disease, asthma or asthmatic bronchitis, allergic disease, chronic respiratory disease, sinusitis, headache, dizziness.

**EMERGENCY AND FIRST AID PROCEDURES: EYE CONTACT:** Immediately flush eyes with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and treated by medical personnel. **INHALATION:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is labored, give oxygen. Consult medical personnel. **SKIN CONTACT:** Wash material off the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse. **INGESTION:** Do not induce vomiting. Give 1 or 2 glasses of water to drink and refer person to medical personnel. Never give anything by mouth to an unconscious person.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear skin, eye, and respiratory protection during cleanup. Soak up material with absorbent and shovel into a chemical waste container. Cover container, but do not seal, and remove from work area. For major spills, call CHEMTREC (Chemical Transportation Emergency Center) at 800-424-9300.

**WASTE DISPOSAL METHOD:** Empty containers can be disposed of in a normal manner. If A and B residue exists they are to be combined and mixed to create an inert polymerized mass which can then be disposed of in compliance with all relevant local, state, and federal laws and regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep in cool, dry, ventilated storage area, in closed containers and out of direct sunlight. Keep containers closed when not in use. Do not pressurize containers to empty them.

**OTHER PRECAUTIONS:** Prevent skin and eye contact.

## SECTION VIII - CONTROL MEASURES

**PROTECTIVE CLOTHING:** Since B side is always used in conjunction with the A side, the same protective clothing standards apply. Nitrile Gloves determined to be impervious under the conditions of use should be worn always when working with the A side product. A Tyvek suit is also recommended. **Depending on conditions of use**, additional protection may be required such as apron or arm covers. Wash contaminated clothing before wearing.

**EYE PROTECTION:** Full-face shield/splash guard in case of splashing.

**OTHER PROTECTIVE EQUIPMENT AND MEASURES:** Unhindered access to safety shower and eye wash stations. As a general hygienic practice, wash hands and face after use. Showers and cleaning of clothes are recommended. Follow all label instructions. Educate and train employees in safe use of product.

## SECTION IX - REGULATORY INFORMATION

**DOT PROPER SHIPPING NAME:** Not Regulated.

**IATA PROPER SHIPPING NAME:** Not Regulated.

**IMO PROPER SHIPPING NAME:** Not Regulated.

**STATE REGULATIONS: CALIFORNIA** - As per requirements of the Safe Drinking Water & Toxic Enforcement Act of CA, USA 1985 (proposition 65), the public is warned that materials used in this product may create an exposure to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. This warning required by Section 25249.6 of the California Health and Safety Code.

**TOXIC SUBSTANCE CONTROL ACT:** All chemicals comprising this product are listed on the TSCA inventory.

**USER'S RESPONSIBILITY:** A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein, are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

**DISCLAIMER:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.