



# Material Safety Data Sheet

24 HR. CHEMTREC EMERGENCY #: 1-800-424-9300  
(OUTSIDE THE U.S. & CANADA: 1-202-483-7616)

HAZARD RATING		Fire		
4 - EXTREME			0	
3 - HIGH	Health	1	0	Reactivity
2 - MODERATE				
1 - SLIGHT				
0 - INSIGNIFICANT			Special	

## SECTION 1 - PRODUCT IDENTIFICATION

**IDENTITY:** 502 RC-W Elasto-Kote

502 Base Coat, 502 Finish Coat,  
Karna-Flex (502 Seam Sealer)

**DATE:** 4/16/2009

**MANUFACTURER:**

Karnak Corporation  
330 Central Ave.  
Clark, NJ 07066 U.S.A.

Telephone #: 1-800-526-4236

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## SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Components	CAS#	Weight %	OSHA PEL	ACGIH TLV	Other Limits Recommended
Styrene-Butylene Copolymer	64742-95-6	15-25	NA	NA	NA
Titanium Dioxide	13463-67-7	5-25	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	NA
Petroleum Hydrocarbons	64742-95-6	2-50	100ppm	100 ppm	NA
Polyalicyclic Resin	69430-35-9	5-20	NA	NA	NA
Calcium Carbonate	1317-65-3	2-7	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	NA
Silicon Dioxide	112945-52-5	0-3	20 mppcf	5 mg/m <sup>3</sup>	NA
Zinc Dibutyldithiocarbamate	136-23-2	0-5	NA	NA	NA
Organophilic Clay	121888-67-3	0-3	15mg/m <sup>3</sup>	NA	NA
Ethylbenzene	100-41-4	0-2	100ppm	100ppm	NA

PEL = Permissible Exposure Limits  
TLV = Threshold Limit Value N.E. =  
Not Established N.A. = Not  
Applicable.

OSHA = Occupational Safety and Health Administration  
ACGIH = American Conference of Governmental Industrial Hygienists  
NIOSH = National Institute for Occupational Safety and Health

## SECTION 3 - HAZARDS IDENTIFICATION

### Potential Health Effects:

Fumes from product can be unpleasant, may cause nausea, headache and irritating to eyes, skin, and respiratory tract.

## SECTION 4 - FIRST AID MEASURES

**Eye Contact:** If this product comes in contact with eyes, Flush eye with plenty of water for at least 15 minutes and seek medical attention.

**Skin Contact:** If this product comes in contact with skin, remove material with mineral oil, then wash with soap and plenty of water.

**Inhalation:** If respiratory discomfort occurs, remove to fresh air. If discomfort continues, administer oxygen and get medical attention.

**Ingestion:** If swallowed, do not induce vomiting. Get medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point** 107°F min.

**Dust Explosivity Limits:** Not Applicable.

**Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), foam, or dry chemical. Water may be used to Cool containers exposed to heat.

**Fire Fighting Instructions:** Minimize breathing vapors, gases or fumes of decomposition products. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

**Unusual Fire Hazards:** When heated above flash point, material will release flammable vapors which can burn or be explosive in confined spaces if ignited. Do not mix with strong oxidants such as chlorine or concentrated oxygen.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Dike or contain spill with earth, floor dry, sand etc. Ventilate the area. Absorb spill with suitable absorbent material and place in a closed container.

Keep product out of sewers and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers or waterways. Assure conformity with applicable governmental regulations.

## SECTION 7 - HANDLING AND STORAGE

Vapors are heavier than air and may travel along the ground or be moved by ventilation to locations distant from the point of material handling. To prevent from entering buildings or confined areas, close all air intake sources near the material handling or the work area.

Avoid prolonged or repeated inhalation of vapors or spray mists. Avoid prolonged or repeated skin contact. Adhere to good hygienic practices. Use with adequate ventilation.

Store in a cool, dry place, out of direct sunlight and away from heat, sparks, and flame.

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may Vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Respiratory Protection:** Use supplied-air respirator in confined areas or with vapors in high concentrations.

**Ventilation:** Local Exhaust: In enclosed areas. Special: None  
Mechanical: In enclosed areas. Other: None

**Eye Protection:** Safety glasses or face shield for liquid material.

**Protective Gloves:** Solvent impervious gloves.

**Other Protective Clothing Equipment:** Long sleeves and impervious clothing to protect against splashing.

**Work/Hygienic Practices:** See Section 7.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance and Odor:</b>	Lt.Gray, White to colored Liquid, Mild petroleum odor		
<b>Vapor Pressure:77°F</b>	3		
<b>Boiling Point:</b>	300-35-°F	<b>Evaporation Rate (Butyl Acetate=1)@ 77°F:</b>	0.2
<b>Melting Point (R &amp; B):</b>	N/A	<b>Vapor Density (Air = 1):</b>	>4
<b>Solubility in water:</b>	insoluble.	<b>Flash Point (PMCC):</b>	107°F min
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.05 – 1.15		

## **SECTION 10 - STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Keep away from heat, spark, open flames  
Auto-ignition temperature unknown.

**Incompatibility (Materials to Avoid):** May react with strong oxidizing materials.

**Hazardous Decomposition or Byproducts** Combustion: carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO)  
Nitrogen oxides, smokes and fumes

**Hazardous Polymerization:** Will not occur.

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

Product may cause respiratory irritation, headache, dizziness, nausea and vomiting. Prolonged or repeated contact with skin may cause dermatitis.

Carcinogenicity: NTP?: No IARC Monographs?: No OSHA Regulated?: No

## **SECTION 12 - ECOLOGICAL INFORMATION**

EPA Hazard Classification Code:

Acute Hazard: \_\_\_\_ Chronic Hazard: \_\_\_\_ Fire Hazard: \_\_\_\_ Pressure Hazard: \_\_\_\_

Reactive Hazard: \_\_\_\_ Not Applicable:  X

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state and federal regulations.

## SECTION 14 - TRANSPORTATION INFORMATION

The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations, for additional description requirements.

DOT Shipping Name: Roof Coating

DOT Label Information: Combustible Liquid

DOT Hazard Class: Non-Hazardous (Ground transport only)

DOT Packing Group: NA (Ground Transport Only)

## SECTION 15 - REGULATORY INFORMATION

**SARA TITLE III** - EPA Regulation 40 CFR 302 (CERCLA Section 102); CFR 355 (SARA Section 301-304); CFR 372 (SARA Section 311-313) - NOT APPLICABLE.

**EPA HAZARD CLASSIFICATION CODE:** Acute Hazard/Chronic Hazard/Fire Hazard/Pressure Hazard/Reactive

Hazard - NOT APPLICABLE.

**TSCA, CANADIAN DSL:** Yes

## SECTION 16 - OTHER INFORMATION

### **Revision Statement:**

This Material Safety Data Sheet has been revised to follow the ANSI Z400.1 standard.

Supersedes:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The information has been completed to the best of our knowledge and is believed to be accurate and reliable as from the date indicated. However, no warranty is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy oneself as to the suitability and completeness of such information for his own particular use.