

# MATERIAL SAFETY DATA SHEET

**MANUFACTURER:**

**Carbonyte Systems, Inc.**  
(aka) Rayner Protective Materials, Inc.  
9390 Elder Creek Rd.  
Sacramento, CA. 95829

**\*\*HMIS:** Health - 1  
Flammability 0  
Reactivity 0  
Pers. Pro. Equip. - A

**Emergency/Information Phone:**  
**CHEMTREC 800-424-9300**

\*\*Hazardous Materials Identification System  
adopted by the National Paints & Coatings  
Association (NPCA)

Date of Preparation: November 1, 1998

**SECTION I. PRODUCT IDENTIFICATION**

PRODUCT: Filled Elastomeric Liquid or Mastic  
PRODUCT CODE: **CreteGuard**  
PRODUCT CLASS: Coatings, Sealants and/or Adhesives CAS# : Mixture

**SECTION II. HAZARDOUS INGREDIENTS**

INGREDIENTS		OCCUPATIONAL ACGIH TLV	EXPOSURE LIMITS	VAPOR
CAS NUMBER	%	TWA STEL	OSHA PEL	PRESSURE
Petroleum Solvent Blend	<5	25 ppm –ceiling	25 ppm	0.90 mm Hg @ 25 C
CAS# Proprietary				
Acrylic Polymer	<40			
CAS # Proprietary				
Synthetic Rubber	<25	none		
CAS# Proprietary				
Inorganic Fillers	<55	none		n.a.
CAS # Proprietary				

**SECTION III. PHYSICAL DATA**

BOILING POINT: 212°F 100°C  
VAPOR DENSITY:  Heavier than air  Lighter than air  
EVAPORATION RATE: (N-Butyl Acetate + 1) 0.10  
% VOLATILE BY VOL: <50% DENSITY: 7.0 - 12.5 lbs./gal. pH: 7 - 9 SP. GR. > 1.0  
APPEARANCE/ODOR: Various colors, flowable thixotropic liquid, slightly sweet  
SOLUBILITY IN WATER: Reducible V.O.C.: < 100 g/L

**SECTION IV. FIRE AND EXPLOSION DATA**

FLAMMABILITY CLASSIFICATION: OSHA: Not Regulated  
FLASH POINT: NONE  
EXTINGUISHING MEDIA: Alcohol Foam, or Water Fog, or Dry Chemical or CO2.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: SPECIAL FIRE FIGHTING PROCEDURES: Dried polymer burns under influence of outside flame source. By-products of combustion may include carbon monoxide, traces of oxides of nitrogen, aliphatic and aromatic hydrocarbons, hydrogen bromide, water, and traces of styrene monomer. By-products of pyrolysis may include acetic acid, acrolein, and acetaldehyde. Wear positive pressure, self-contained breathing apparatus (SCBA) during fire.

**SECTION V. REACTIVITY DATA**

STABILITY:  Unstable  Stable  
HAZARDOUS POLYMERIZATION:  May Occur  Will Not Occur  
HAZARDOUS DECOMPOSITION PRODUCTS: Vapors may form carbon dioxide and carbon monoxide.  
INCOMPATIBILITY: Product will react violently with any water sensitive material such as sulfuric acid or alkali materials such as sodium or metal hydrides. May react with strong oxidizing agents such as hydrogen peroxide or permanganates resulting in intense heat, boiling, flame development, explosion or toxic gas generation.  
CONDITIONS TO AVOID: Do not store at temperatures below 32 F - 0 C or above 110°F.

## SECTION VI. HEALTH HAZARD DATA

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Irritant to mucous membranes. May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

**SKIN & EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Irritant to eyes and to the skin of some individuals. Wash skin with plenty of water; if splashed in the eye, flush with water for 15 minutes.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Ingestion of this material is not expected to occur through normal use. Accidental ingestion of more than one ounce may cause irritation. Contact a physician should ingestion occur.

**ACUTE AND CHRONIC HEALTH HAZARDS:** May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

**TARGET ORGANS AFFECTED:** No target organs have been identified to be affected by exposure to these elastomeric products.

**CARCINOGENICITY:** NTP? NO IARC MONOGRAPHS? NO OSHA REG.? NO

**SUBSTANCES LISTED IN STATE OF CALIFORNIA PROP. 65:** May contain trace amounts of residual acrylate and styrene monomers, and < 0.1% residual acrylamide monomer and formaldehyde. May contain trace amounts of arsenic (typically <0.1 ppm), or trace amounts of ethylene oxide (in head space of container). Contains ammonia <0.2% max.

**EMERGENCY AND FIRST AID PROCEDURES:** If inhalation of vapors causes irritation of respiratory tract, remove victim to fresh air and seek medical advice. In the event of skin contact wash skin with water and soap. If splashed in eye, flush 15 minutes in eyewash and seek medical advice.

If swallowed into stomach induce vomiting or aspiration. Call a physician.

## SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Eliminate all ignition sources such as flares, pilot lights, electrical sparks, etc. Absorb spill with appropriate absorbent material such as sand, sawdust, clays, etc. Dike and contain spills; transfer liquid to containers for recovery or disposal. Do not dump in sewers, on ground, or into any body of water.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with prescribed federal, state, and local regulations. State of California - completely dried residue may be disposed of in sanitary landfill.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** This product is stable under normal use and storage conditions. Keep out of reach of children. Recommend storage at temperatures above 32 F - 0 C and below 110°F. Use with adequate ventilation.

## SECTION VIII: CONTROL MEASURES

**RESPIRATORY PROTECTION:** Not required for outdoor application. If odors become noticeable or respiratory irritation occurs during application use NIOSH/MSHA approved respirator for organic vapors, at employee discretion.

**VENTILATION:** Ensure adequate supply of fresh air at all times. If buildup of vapor causes irritation, use mechanical ventilation sufficient to eliminate the vapor which causes the irritation.

**PROTECTIVE GLOVES:** Nitrile rubber (Buna N) if required to prevent repeated or prolonged skin contact.

**EYE PROTECTION:** Wear chemical goggles at all times when handling this product.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear approved respirator, gloves, hat, shoes, and long-sleeved clothing to prevent contact with the material.

## SECTION IX: SPECIAL PRECAUTIONS

Precautionary Statements: None

Other Handling and Storage Requirements: None

## SECTION X: ADDITIONAL REGULATORY CONCERNS

DOT: Not Regulated

TSCA: Ingredients in this product are certified for inclusion in the Toxic Substances Control Act of inventory of chemical substances.

OSHA: Product contains material as defined by 29CFR Paragraph 1910, 1200. Components of product are not listed by the National Toxicology Program, the International Agency for Research on Cancer, nor the Registry of Toxic Effects of Chemical Substances (1981-82) as a carcinogen.

SARA Title III: Product contains the following listed toxic chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and 40 CFR, Part 372.

Listed Toxic Chemical	CAS #	Max % by Wt.
None	N/A	N/A

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For technical information regarding performance of this product, call **Carbonyte Systems, Inc. @ 916.387.0316 or Fax 916.381.2617**

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