

# MATERIAL SAFETY DATA SHEET

**MANUFACTURER:**

Carbonyte Systems, Inc.  
3 Wayne Court Suite A  
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: September 30, 2006

**SECTION I. PRODUCT IDENTIFICATION**

**PRODUCT:** Emulsion Additive  
**PRODUCT CODE:** **Accel-R8**  
**PRODUCT CLASS:** Mixture CAS#: Proprietary

**SECTION II. HAZARDOUS INGREDIENTS**

INGREDIENTS VAPOR	CAS NUMBER	%	OCCUPATIONAL ACGIH TLV		EXPOSURE LIMITS	
			TWA	STEL	OSHA PEL	PRESSURE
Inorganic Polymer		<30		None Established.	Mildly corrosive to the eye; may irritate the skin	
CAS# Proprietary						
Organic Polymer		<10				
CAS# Proprietary						
Water		<70				

**SECTION III. PHYSICAL DATA**

**BOILING POINT:** Of Water  
**VAPOR DENSITY:** >1 (Air = 1)  
**EVAPORATION RATE:** Of Water  
**% VOLATILE BY VOL:** < 70% **DENSITY:** 9.0 - 10.0 lbs./gal. **pH:** 2.0 – 3.0 **Specific Gravity:** ~1.1  
**APPEARANCE/ODOR:** Black thixotropic liquid / No detectable odor.  
**SOLUBILITY IN WATER:** Dispersible **V.O.C.:** Negligible

**SECTION IV. FIRE AND EXPLOSION DATA**

**FLAMMABILITY CLASSIFICATION:** Non-Flammable **OSHA:** None  
**FLASH POINT:** N/A  
**EXTINGUISHING MEDIA:** Product does not burn or support flame. If product is present in a fire, water, CO2 or dry chemical may be used.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known  
**SPECIAL FIRE FIGHTING PROCEDURES:** Do not allow product or water containing product to enter a navigable stream. At temperatures above 300° C product may yield traces of chlorine containing compounds.

**SECTION V. REACTIVITY DATA**

**STABILITY:** \_\_\_\_\_ Unstable \_\_\_\_\_ X Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Not established.  
**INCOMPATIBILITY:** Product solution is mildly corrosive to aluminum, carbon steel, copper, copper alloys and galvanized metal. May be corrosive to concrete. Reacts with alkaline materials to form insoluble metal salts. Product is slightly reactive to reactive with metals, alkalis.  
**CONDITIONS TO AVOID:** N/A

## SECTION VI. HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Hazardous in case of inhalation (Lung corrosive). Symptoms of exposure are a noticeable burning sensation in the throat.

SKIN & EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Hazardous in case of skin or eye contact –slightly corrosive. Corrosive to the eye by FHSA standards.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Hazardous in case of ingestion. Treat as a corrosive liquid.

ACUTE AND CHRONIC HEALTH HAZARDS: None expected

TARGET ORGANS AFFECTED: No target organs have been identified to be affected by exposure to this product.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REG.? NO Not known to cause cancer in animals or humans.

SUBSTANCES LISTED IN STATE OF CALIFORNIA PROP. 65: None at reportable limits.

EMERGENCY AND FIRST AID PROCEDURES: If skin contact occurs, flush with water for at least 15 minutes while removing contaminated clothes and shoes. Wash clothing and thoroughly clean shoes before reuse. Contact a physician. If splashed in the eyes, check for and remove contact lenses, immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart during irrigation. Send patient to physician immediately. If ingested, DO NOT induce vomiting unless directed to do so by medical personnel. Consult a physician immediately.

## SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste disposal container. Prohibit product from being combined with water whereby it may then run into streams or navigable waters. Absorb with inert dry material and remove to approved landfill.

AQUATIC TOXICITY: (e.g., 96 HR, TLM): No data is known to be available.

WASTE DISPOSAL METHOD: Absorb with inert dry material and remove to approved landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Recommend storage in epoxy sealed metal, plastic, reinforced plastic, fiberglass or rubber container. Provide secondary containment at all times.

NEUTRALIZING CHEMICALS: Not required.

## SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: Use an approved/certified respirator when ventilation is inadequate. None known necessary under normal use. If mists occur, or may occur, use a respirator having an activated carbon filter suitable for acidic mists.

VENTILATION: Use with adequate ventilation. No special ventilation is believed to be necessary under normal use condition.

PROTECTIVE GLOVES: Chemical or rubber gloves should be worn. .

EYE PROTECTION: Use face shield at all times when handling this product as it is slightly corrosive to the eye.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Skin-protecting clothing is recommended. Safety shoes are recommended when handling product in drums.

## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: Product is mildly corrosive to aluminum and carbon steel.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep container in a cool, well-ventilated area.

## 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 is a hazardous material as defined by 29CFR Paragraph 1910, 1200 because it is slightly corrosive to the eye. 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.

<u>Listed Toxic Chemical</u>	<u>CAS#</u>	<u>Max % by Wgt</u>
None	N/A	N/A

For technical information regarding performance of this product, call *Carbonyte Systems, Inc.* @ (916) 387-0316 or Fax (916) 381-2617.

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