MATERIAL SAFETY DATA SHEET
THE CORTEC CORPORATION
4119 WHITE BEAR PARKWAY
ST. PAUL, MINNESOTA 55110
PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC
FAX: 651-429-1122

EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

* * * * VCI-105 Emitters (AHCI5E)* * * * *

SECTION I - PRODUCT IDENTIFICATION
PRODUCT NAME: VCI-105 Emitters

PRODUCT DESCRIPTION: Volatile corrosion inhibitors contained in plastic containers sealed with Tyvek lids.

SECTION II - HAZARDOUS INGREDIENTS of powder

INGREDIENT NAME(S)	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLB OR PEL	ORAL LD-50
Trade Secret		5 mg/m^3 (as nuisance dust)	N.A
Organic Salt	<20	N.E.	560 mg/kg (rat)

Carcinogenic: OSHA = no NTP = no IARC = no

SECTION III - PHYSICAL DATA
COLOR: Green pH: N.E.

PHYSICAL FORM: Plastic cup with white Tyvek cover

ODOR: Slight NON-VOLATILE (weight): N.A.

BOILING RANGE: N.E. VAPOR DENSITY: N.E.

MELTING RANGE: N.E. VAPOR PRESSURE: N.E.

EVAPORATION RATE: N.A. DENSITY: N.A.

SECTION IV - FIRE AND EXPLOSION DATA
HMIS FLAMMABILITY RATING: 1

FLASH POINT: N.A.

FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.

EXTINGUISHING MEDIA: Water, carbon dioxide or other dry chemical fire fighting agents.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SPECIAL FIRE FIGHTING PROCEDURES: None.

SECTION V - HEALTH HAZARD DATA
EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush eyes with water for at least 15 minutes. Consult a physician. Skin Contact: Wash affected area with soap and water. If irritation persists, consult a physician. Inhalation: Remove to an uncontaminated area, administer oxygen if necessary. If victim has stopped breathing begin CPR. Get medical attention. Ingestion: If swallowed, give water or milk and induce vomiting. Get immediate medical attention.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known

PRIMARY ROUTES OF ENTRY: Skin contact

HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:

1. Eye contact with this product may produce irritation.
2. Repeated or prolonged contact may cause mild skin irritation.
3. Inhalation of product vapors is not expected to pose a significant health hazard due to the low vapor pressure of the product.
4. Ingestion of this product may be harmful.

SECTION VI - REACTIVITY DATA
STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS under fire conditions): Oxides of carbon and nitrogen.

INCOMPATIBILITY: Strong acids, alkalis and oxidizing agents. CONDITIONS TO AVOID: Avoid contact with incompatible materials.

SECTION VII - SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up spilled material for use or disposal.

WASTE DISPOSAL: Dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION
RESPIRATORY PROTECTION: Not required.

PROTECTIVE GLOVES: Not required.

EYE PROTECTION: Not required.

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA
PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid inhalation of dusts. Avoid eye contact and prolonged skin contact with powder. Workers should wash hands thoroughly with soap and water prior to eating, drinking, smoking or using lavatory.

PRECAUTIONS TO TAKEN IN STORING: Keep containers tightly closed. Store in a cool dry place.

SECTION X - SHIPPING DATA
DOT/IATA/IMDG SHIPPING NAME: N.A.

UN/NA NUMBER: N.A.

DOT/IATA/IMDG HAZARD CLASS.: N.A.

T.S.C.A. STATUS: Listed

DOT/IATA/IMDG REQUIRED LABELS: N.A.

TECHNICAL SHIPPING NAME: N.A.

PREPARED BY: Margarita Kharshan, R&D Manager

APPROVED BY: Christophe Chandler, Lab Director

DATE PREPARED: 1/17/00 SUPERSEDES: 9/21/98

N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE

AHCI5E 10/27/03