

MATERIAL SAFETY DATA SHEET
THE CORTEC CORPORATION
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ST. PAUL, MINNESOTA 55110
PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC
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EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

***** VmCI™-307 *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **VmCI™-307**
 PRODUCT DESCRIPTION: A proprietary blend of corrosion inhibitors

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Trade Secret	-	10 mg/m ³ (ACGIH) 15 mg/m ³ (OSHA) (as nuisance dust)	2100 mg/kg-rat

Carcinogenic: **OSHA** = no **NTP** = no **IARC** = no

SECTION III - PHYSICAL DATA

COLOR: White to off-white ODOR: Slight amine
 PHYSICAL FORM: Powder
 NON-VOLATILE(weight): 96-100%
 BULK DENSITY: 38-39 lb/ft³ (0.61-0.63 kg/L)
 pH: 6.0-7.0 (1% aqueous) VAPOR DENSITY: N.E.
 MELTING RANGE: N.A. VAPOR PRESSURE: N.E.
 BOILING RANGE: N.E. EVAPORATION RATE: Nil

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 1
 FLASH POINT: N.E.
 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: Firefighters should wear self-contained breathing apparatus. CAUTION: Bulk VCI-307 solids burn slowly in open flame; flying powders burn more quickly than bulk in open flame.

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: Inhalation.
 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.

- Inhalation of product vapors is not expected to pose a significant health hazard due to the low vapor pressure of the product.
- 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: Avoid contact with strong acids, alkalis and oxidizing agents.
 CONDITIONS TO AVOID: Contact with incompatible materials.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up.
 WASTE DISPOSAL: Incinerate or dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: A NIOSH approved dust/mist respirator is recommended.
 PROTECTIVE GLOVES: Chemical resistant rubber or plastic.
 EYE PROTECTION: Safety goggles.
 OTHER PROTECTIVE EQUIPMENT: Not required.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid inhalation of dusts. Avoid eye contact and prolonged or repeated skin contact. Workers should thoroughly wash hands with soap and water prior to eating, drinking, smoking and using lavatory.
 PRECAUTIONS TO BE TAKEN IN STORING: Keep containers tightly closed. Keep powder away from sources of flame. Store in a cool dry place.

SECTION X - SHIPPING DATA

DOT/IMDG/IATA SHIPPING NAME: N.A.
 U.N. / N.A. NUMBER: N.A.
 DOT/IMDG/IATA HAZARD CLASS.: N.A.
 T.S.C.A. STATUS: Listed
 DOT/IMDG/IATA REQUIRED LABELS: N.A.
 TECHNICAL SHIPPING NAME: N.A.
 FREIGHT CLASS BULK: Same as above
 LTL: 70 TL: 40 MW: 30

PREPARED BY: Margarita Kharshan, Laboratory Director
 APPROVED BY: Boris Miksic, President/CEO
 DATE PREPARED: 6/23/06 SUPERSEDES: 5/15/03

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