

**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)

\*\*\*\*\*VpCI-308\*\*\*\*\*

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: **VpCI-308**

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 <sup>3</sup> (as nuisance dust)	N.E.

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

**SECTION III - PHYSICAL DATA**

COLOR: White to off-white DENSITY: N.A.  
NON-VOLATILE (weight): 98-100%  
pH: 6.2-7.6 (1% aqueous) VAPOR PRESSURE: N.E.  
MELTING RANGE: N.A. VAPOR DENSITY: N.E.  
EVAPORATION RATE: N.E. BOILING RANGE: N.E.  
PHYSICAL FORM: Powder ODOR: Slight amine

**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 VpCI-308 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.
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: 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.

**SECTION X - SHIPPING DATA**

DOT/IMDG/IATA SHIPPING NAME: N.A.

UN/NA 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.

PREPARED BY: Margarita Kharshan, Lab Director

APPROVED BY: Boris Miksic, President/CEO

DATE PREPARED: 11/30/04 SUPERSEDES: none

**DISCLAIMER:** This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of the Cortec Corporation. The data on this sheet relates only to the specific material designated herein. The Cortec Corporation assumes no legal responsibility for use or reliance upon this data.

N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE