

**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™-374*****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **VpCI™-374**
PRODUCT DESCRIPTION: Proprietary waterborne corrosion resistant coating.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	LCL0 (ihl-hmn)
Ammonia	0.2	25 ppm	30,000 ppm
Ester alcohol	2-6	N.E.	N.E.

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

SECTION III - PHYSICAL DATA

PHYSICAL FORM: Viscous liquid COLOR: Gray
NON-VOLATILE (weight): 46-51% ODOR: Characteristic
FREEZING POINT: N.E. BOILING RANGE: N.E.
pH: 8.5-9.5 (Neat) MELTING RANGE: N.A.
EVAPORATION RATE: N.E. VAPOR DENSITY: N.E.
VAPOR PRESSURE: N.E.
DENSITY: 9.7-10.2 lb/gal (1.16-1.22 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 0
FLASH POINT: >248°F (120°C)
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.

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 conscious, give water or milk and induce vomiting. Seek immediate medical care.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known.

PRIMARY ROUTES OF ENTRY: Inhalation, skin and eye contact and skin absorption.

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

1. Repeated or prolonged skin contact with this material may cause skin irritation.
2. Eye contact with this material may cause irritation.
3. Excessive inhalation of high vapor concentrations may irritate the upper respiratory tract. If the product is sprayed or atomized, inhalation of particle mists may irritate the upper respiratory tract and should be avoided.
4. Ingestion of this product is expected to be harmful.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.
INCOMPATIBILITY: 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: Absorb on sweeping compound or other absorbent material. Keep out of streams or waterways.
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 respirator would not be required for open areas (not confined) with adequate ventilation when spraying. Adequate ventilation would include "the outdoors" or any "indoor environment" with controlled temperature systems that used forced air with high bays or other similar conditions. If necessary a dust/mist respirator to remove particle mass.
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 eye and skin contact. Avoid excessive inhalation of vapors and/or particle mists. Use in a well-ventilated environment.
PRECAUTIONS TO BE TAKEN IN STORING: Keep product from freezing, store at 40°F (4°C) or above. Keep away from heat or open 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: Bob Berg, Technical Service Engineer
APPROVED BY: Margarita Kharshan, Lab Director
DATE PREPARED: 12/13/06 SUPERSEDES: 11/19/02

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