

**MATERIAL SAFETY DATA SHEET  
THE CORTEC CORPORATION  
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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)  
\*\*\*\*\*VpCl-325\*\*\*\*\*

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: **VpCl-325**  
PRODUCT DESCRIPTION: A proprietary solvent-based corrosion inhibitor.

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Mineral spirits	60-65	100 ppm (ACGIH)	N.E.

Carcinogenic: OSHA = no      NTP = no      IARC = no

**H: 1    F: 2    R: 1    PP: B**

**SECTION III - PHYSICAL DATA**

COLOR: Amber  
PHYSICAL FORM: Liquid  
NON-VOLATILE (weight): 33-40%      ODOR: Solvent odor  
EVAPORATION RATE: N.E.      VAPOR DENSITY: N.E.  
VAPOR PRESSURE: N.E.      BOILING RANGE: N.E.  
MELTING RANGE: N.A.  
DENSITY: 6.8-7.0 lb/gal (0.82-0.84 kg/l)

**SECTION IV - FIRE AND EXPLOSION DATA**

HMS FLAMMABILITY RATING: 2  
FLASH POINT: > 170°F (77°C) (TCC)  
FLAMMABLE LIMITS: LEL: N.E.      UEL: N.E.  
EXTINGUISHING MEDIA: 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 large amounts of water. Consult a physician immediately. 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 but do not induce vomiting. Get immediate medical attention.  
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known  
PRIMARY ROUTES OF ENTRY: Inhalation, skin and eye contact.  
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:

1. Eye contact with this product can cause irritation, redness, and tearing and blurred vision.
2. Prolonged or repeated skin contact can cause moderate irritation and defatting of the skin possibly leading to dermatitis.
3. Excessive inhalation of solvent vapors from this product can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. An

- LD-50 value for inhalation of mineral spirit vapors is listed in literature as 3,400 ppm for 4 hours in laboratory animals.
4. Ingestion of this material can cause gastrointestinal irritation. Also, aspiration of this material into the lungs can cause chemical pneumonia.

**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 and 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 NIOSH approved respirator to remove vapors or particle mists when necessary.  
PROTECTIVE GLOVES: Chemical resistant rubber or plastic.  
EYE PROTECTION: Safety goggles.  
OTHER PROTECTIVE EQUIPMENT: None

**SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA**

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid contact with skin and eyes. Avoid inhalation of vapors.  
PRECAUTIONS TO BE TAKEN IN STORING: Completely drain "Empty" drums, properly bung and promptly dispose in an environmentally safe manner and in accordance with governmental regulations. Recycle drums only through qualified reprocessing organizations.

**SECTION X - SHIPPING DATA**

T.S.C.A. STATUS: Listed  
UN/NA NUMBER: N.A.  
DOT/IMDG/IATA SHIPPING NAME: N.A.  
DOT/IMDG/IATA HAZARD CLASS.: N.A.  
DOT/IMDG/IATA REQUIRED LABELS: N.A.  
TECHNICAL SHIPPING NAME: N.A.

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APPROVED BY: Boris Miksic, President/CEO  
DATE PREPARED: 7/24/07 SUPERSEDES: 9/27/04

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