

**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-368 Aerosol *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **VpCI-368 Aerosol**
 PRODUCT DESCRIPTION: A proprietary solvent deposited petroleum-based barrier coating containing amine carboxylates and other corrosion inhibitors in aerosol form.

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT NAME(S) | WEIGHT (%) | OCCUPATIONAL EXPOSURE LIMITS | |
|-------------------------------|------------|------------------------------|------------|
| | | TLV OR PEL | ORAL LD-50 |
| Mineral spirits 64742-48-9 | 25-30 | 100 ppm (ACGIH) | N.E. |
| Propane 75-28-5 | 15-20 | 1000ppm | N.E. |
| Isobutane 74-98-6 | 20-25 | 1000ppm | N.E. |

Carcinogenic: OSHA = no NTP = no IARC = no

H: 2 F: 3 R: 0 PP: G

SECTION III - PHYSICAL DATA OF LIQUID

PHYSICAL FORM: Viscous liquid COLOR: Dark brown
 NON-VOLATILE (weight): 57-61% ODOR: Solvent
 FREEZING POINT: N.E. BOILING RANGE: N.E.
 pH: N.E. MELTING RANGE: N.A.
 EVAPORATION RATE: N.E. VAPOR DENSITY: N.E.
 VAPOR PRESSURE: N.E.
 DENSITY: 7.3-7.6 lb/gal (0.87-0.91 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA OF AEROSOL

HMS FLAMMABILITY RATING: 3
 FLASH POINT: N.E.
 FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.
 EXTINGUISHING MEDIA: Carbon dioxide or other dry chemical fire fighting agents.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents of aerosol cans are under pressure. Contents are flammable.
 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. Repeated or prolonged skin contact can cause moderate irritation and defatting of the skin possibly leading to dermatitis.
2. Eye contact with this product can cause irritation, redness, and tearing and blurred vision.
3. Excessive inhalation may 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 four hours in laboratory animals.
4. Ingestion of this material can cause gastrointestinal irritation.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
 HAZARDOUS POLYMERIZATION: Will not occur.
 HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, hydrogen chloride and sulfur.
 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.
 WASTE DISPOSAL: Dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: A NIOSH approved carbon cartridge respirator to remove vapors or particle mists when adequate ventilation is not available.
 PROTECTIVE GLOVES: Chemical resistant rubber or plastic.
 EYE PROTECTION: Safety glasses/splash goggles.
 OTHER PROTECTIVE EQUIPMENT: Eye wash station.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. Avoid inhalation of vapors and/or particle mists.
 PRECAUTIONS TO BE TAKEN IN STORING: Caution: Contents under pressure. Do not puncture or incinerate. Store away from heat or open flame.

SECTION X - SHIPPING DATA

T.S.C.A. STATUS: Listed
 UN NUMBER: 1950
 DOT/IMDG/IATA SHIPPING NAME: Aerosols, *flammable, (each not exceeding 1 L capacity)*.
 DOT/IMDG/IATA HAZARD CLASS.: 2.1
 DOT/IMDG/IATA REQUIRED LABELS: Flammable Gas
 DOT/IMDG/IATA TECHNICAL SHIPPING NAME: None
 IMDG CODE PAGE (AMDT. 28-96): 2102
 FREIGHT CLASS BULK:
 LTL: 55 TL: 35 MW: 40
 PREPARED BY: Angel Green, Coatings Chemist
 APPROVED BY: Margarita Kharshan, Lab Director

DATE PREPARED: 6/20/08 SUPERSEDES: 5/28/08

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