

5662
INH00015

MATERIAL SAFETY DATA SHEET
THE CORTEC CORPORATION
4119 WHITE BEAR PARKWAY
ST. PAUL, MINNESOTA 55110
PHONE: 612-429-1100 OR TOLL FREE 1-800-4-CORTEC
FAX: 612-429-1122

- 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): Burning polyurethane foams produce toxic decomposition products which are not significantly different from those of other nitrogen-containing polymer such as wool leather, nylon, and ABS. The major toxicants are carbon monoxide, oxides of nitrogen, hydrogen cyanide.
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: Collect as normal solid waste.
WASTE DISPOSAL: Dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: N.A.
PROTECTIVE GLOVES: Not required.
EYE PROTECTION: Not required.
OTHER PROTECTIVE EQUIPMENT: N.A.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: 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 storage containers tightly closed. Store in a cool dry place. Store away from foodstuffs

SECTION X - SHIPPING DATA

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

PREPARED BY: Joe Foley, Technical Advisor
APPROVED BY: Boris Miksic, President
DATE PREPARED: 1/22/97 SUPERSEDES: 6/18/96

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

REC'D FEB 19 1997

EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

*****VCI-110 Emitter*****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **VCI-110 EMITTER**
PRODUCT DESCRIPTION: An adhesive backed polyurethane foam with a proprietary corrosion inhibitor.

SECTION II - HAZARDOUS INGREDIENTS OF POWDER

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Trade Secret	-	10 mg/m ³ (as nuisance dust)	N.E.
Trade Secret	3-5 %	10 mg/m ³ (ACGIH) 15 mg/m ³ (OSHA) (as nuisance dust)	560 mg/kg-rat

Carcinogenic: OSHA = no NTP = no IARC = no

SECTION III - PHYSICAL DATA

COLOR: Yellow PHYSICAL FORM: Open cell foam
ODOR: Slight NON-VOLATILE(weight): > 96%
pH: N.A. VAPOR DENSITY: N.E.
MELTING RANGE: N.A. VAPOR PRESSURE: .N.E.
BOILING RANGE: N.E. EVAPORATION RATE: N.E.
WEIGHT GALLON: N.A.

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: Polyurethane foam burns very rapidly forming thick smoke and possible toxic decomposition products.
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 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: Skin contact
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:

- Eye contact with this product may produce irritation.
- Repeated or prolonged contact may cause mild skin irritation.

REC'D FEB 10 1997

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(612) 429-1100 • (800) 4-CORTEC • FAX (612) 429-1122

Revised: 8 June 1995
Supersedes: 25 January 1995
Issued by: Anne Dement

To: Whom It May Concern
Subject: Material Safety Data Sheet

VCI: 101, 105, 110, 111, 121, 125, 126, 127, 128, 132, 133, 134, 135, 137, 138,
144, 146, 147, 150, 157, 158, 170, 500
Cor-Pak™: 1-Mul, Bubble, Cold Seal, Fabric, Film, Skin Film, Stretch Film,

We have discontinued providing MSDS's on the above listed products, as we consider these products "articles" as defined by OSHA's Hazard Communication Standard and, therefore, exempt from the material safety data sheet requirements of these regulations.

Section 1910.1200 (amended), Title 29 of the Code of Federal Regulations specifically states that its Hazard Communications sections does not apply to "articles" in paragraph (a) (5) (iv). An "article" is defined as follows:


(C) Definitions: "Articles" means a manufactured Item: (i) which is formed to a specific shape or design during manufacture: (ii) which has an end use function(s) dependent in whole or in part upon its shape or design during end use: and (iii) which does not release or otherwise result in exposure to a hazardous chemical under normal conditions of use.

For Cortec® Corporation, this means that any of the manufactured products that fits the above definition would not require an MSDS.

Thank you for your interest in our products. I hope the above information is satisfactory for your needs. If you need any further questions or need additional information, feel free to contact Customer Service at any time; they will be happy to assist you.

Sincerely,

THE CORTEC® CORPORATION


Boris A. Miksic
President / CEO