

MATERIAL SAFETY DATA SHEET
THE CORTEC CORPORATION
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ST. PAUL, MINNESOTA 55110

PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC
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EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL,
LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300
(DAY OR NIGHT)

***** VCI-101 (AHC11DV)*****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: VCI-101

PRODUCT DESCRIPTION: Adhesive-backed polyurethane
foam impregnated with a proprietary corrosion inhibitor.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAMES	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Trade Secret	3-5%	10 mg/m3 (ACGIH) 15 mg/m3 (OSHA) (as nuisance dust)	675 mg/kg-rat

Carcinogenic: OSHA = no NTP = no IARC = no

SECTION III - PHYSICAL DATA COLOR: Off-white to 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. DENSITY: N.A.

SECTION IV - FIRE AND EXPLOSION DATA 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:

1. Eye contact with this product may product 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 (underfire
conditions): Burning polyurethane foams produce toxic
decomposition products that 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: Not required.

PROTECTIVE GLOVES: Chemical resistant rubber or
plastic.

EYE PROTECTION: Not required.

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE

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/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, R&D Manager

APPROVED BY: Christophe Chandler, Lab Director

DATE PREPARED: 1/17/00 SUPERSEDES: 1/22/97

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