

HAZARD RATING

4=EXTREME
 3=HIGH
 2=MODERATE
 1=SLIGHT
 0=INSIGNIFICANT

| | |
|---------------------|----------|
| HEALTH | 3 |
| FLAMMABILITY | 2 |
| REACTIVITY | 0 |

MATERIAL SAFETY DATA SHEET
VEXCON NO. CP102-B



Performance Construction Chemicals

7240 STATE RD •

PHILADELPHIA, PA 19135

VOICE: 215.332.7709 • FAX: 215.332.9997

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GENERAL INFORMATION

PRODUCT IDENTIFICATION: VEXCON POWERCOAT® SEISMIC GROUT
 PART B

VOC CONTENT: 254 GR./LITER 2.12 OR #/GAL.

CATEGORY: INDUSTRIAL MAINTENANCE COATING

COMMON NAME: EPOXY GROUT

DOT SHIPPING NAME: IN CONTAINERS LESS THAN 119 GALS
 AND CONTAINERS GREATER THAN 119 GALS:

POWERCOAT SEISMIC GROUT PART B (NON-REGULATED)

VOC: MEETS ALL REQUIREMENTS

SECTION I

MANUFACTURER: VEXCON CHEMICALS
ADDRESS: 7240 STATE RD.,PHILA.,PA 19135
EMERGENCY NO.: 1-800-858-2828
TELEPHONE NO.: 1-215-332-7709
CHEMTREC NO.: 1-800-424-9300
PREPARED: DECEMBER 1999
PREPARED BY: Darryl F. Manuel /President

SECTION II HAZARDOUS INGREDIENTS

| <u>MATERIAL OR COMPONENT</u> | <u>CAS NO.</u> | <u>%</u> | <u>HAZARD LIMITS</u> | <u>UN#</u> |
|---|----------------|-----------------|---------------------------------|------------|
| BISPHENOL A/EPICHLOROHYDRIN | | | | |
| EPOXY RESIN | 25068-38-6 79 | .88% | ND | |
| AR 100 SOLVENT | 64742-95-6 | 12% | TLV 50 PPM | 1255 |
| WHICH CONTAINS | | | OSHA HAZARD: COMBUSTIBLE | |
| HYDROCARBONS | | | NOT ESTABLISHED | |
| 1,2,4 TRIMETHLBENZENE | | | OSHA PEL: ACGIH TLV/TWA 25 ppm | |
| XYLENE | | | OSHA PEL: ACGIH TLV/TWA 100 ppm | |
| CUMENE | | | OSHA PEL: ACGIH TLV/TWA 50 ppm | |
| THE SOLVENT PORTION CONTAINS THE FOLLOWING SECTION 313 REPORTABLE | | | | |
| INGREDIENTS: | | | | |
| COMPONENT | CAS NO. | MAXIMUM% | | |
| TRIMETHLBENZENE | 95-63-6 | 20% | | |
| CUMENE | 98-82-8 | 1.0% | | |
| XYLENE | 1330-20-7 | 1.75% | | |

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 313-355 ° F **SOLUBILITY IN H2O % BY WT:** SOLUBLE
MELTING POINT: N/A **SPECIFIC GRAVITY (H2O=1):** 1.24
VAPOR PRESSURE: 2.70 mm/Hg @ 20F **VAPOR DENSITY (AIR=1):** APPROX. 5
EVAPORATION RATE (BUOH=1): 0.1 **PH (AS IS)** 7.5 **PH (1% SOLN)** NA
APPEARANCE AND ODOR: VERY THICK PAINT, VARIOUS COLORS
 SWEET ODOR.

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT: (TEST METHOD): 106 ° F TCC
AUTOIGNITION TEMPERATURE: 473 **LOWER:** 0.7 **UPPER:** 6.0
EXTINGUISHING MEDIA: EXCLUDE AIR, USE FOAM CO2, STEAM, WATER,
 FOG, DRY CHEMICALS.
SPECIAL FIRE FIGHTING PROCEDURES: THE USE OF SELF CONTAINED
 BREATHING APPARATUS IS RECOMMENDED FOR FIRE FIGHTERS.
 SEE ALSO SECTION IX.
UNUSUAL FIRE AND EXPLOSION HAZARD: NO UNUSUAL HAZARDS - KEEP
 WORK AREAS FREE OF HOT METAL AND OTHER SOURCES OF IGNITION.
GENERAL HAZARD: COMBUSTIBLE LIQUID, CAN FORM COMBUSTIBLE
 MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASH POINT.STATIC
 DISCHARGE, MATERIAL CAN ACCUMULATE STATIC CHARGES WHICH CAN
 CAUSE AN INCENDIARY ELECTRICAL DISCHARGE. "EMPTY"
 CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND
 CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT WELD, BRAZE,
 SOLDER DRILL GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME,
 SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION:
 THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY DRUMS
 SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY
 RETURNED TO A DRUM RECONDITIONER ,OR PROPERLY DISPOSED OF.
ELECTROSTATIC ACCUMULATION HAZARD: USE PROPER GROUNDING

SECTION V REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: PRODUCT IS STABLE
INCOMPATIBILITY: THIS PRODUCT IS INCOMPATIBLE WITH STRONG
OXIDIZING AGENTS, STRONG ACIDS OR BASES AND SELECTED AMINES.
HAZARDOUS DECOMPOSITION: THERMAL DECOMPOSITION IN THE PRESENCE
OF AIR MAY YIELD CARBON MONOXIDE AND UNIDENTIFIED ORGANICS.
CONDITIONS CONTRIBUTING TO HAZARD POLYMERIZATION: N/A
WILL NOT OCCUR.

SECTION VI HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION

ROUTES OF EXPOSURE: THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES, DIZZINESS, LIGHT HEADEDNESS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. MINERAL SPIRITS COMPONENTS.

SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.

SKIN ABSORPTION SEE ABOVE

EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT. MINERAL SPIRITS COMPONENT.

EFFECTS OF OVEREXPOSURE TLV - 100 PPM

ACUTE OVEREXPOSURE: ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS: MODERATE IRRITATION BY LIQUID TO SKIN AND EYES.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES CONSULT A PHYSICIAN.

SKIN: IMMEDIATELY WASH SKIN WITH SOAP AND PLENTY OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

INHALATION: MOVE TO LOCATION FREE FROM VAPORS. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING, SEEK PROMPT MEDICAL ATTENTION.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

AQUATIC TOXICITY (E.G. 96 HR. TLM):

WASTE DISPOSAL METHOD: IF POSSIBLE, PUMP TO CONTROLLED CONTAINMENT AREA. ABSORB ON CLAY OR SAND. DISPOSE OF IN COMPLIANCE WITH EPA, STATE, AND LOCAL REGULATIONS.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: IF POSSIBLE PUMP TO CONTROLLED CONTAINMENT AREA. ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP IS COMPLETE. STOP SPILL AT SOURCE. DIKE SPILL AREA TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVEL INTO CONTAINERS.

SECTION VIII CONTROL MEASURES

VENTILATION REQUIREMENTS:

LOCAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP PRODUCT VAPOR CONCENTRATIONS WITHIN SPECIFIED TIME-WEIGHTED TLV RANGES. IF LOCAL VENTILATION PROVES INADEQUATE TO MAINTAIN SAFE VAPOR CONCENTRATIONS, SUPPLEMENTAL LOCAL EXHAUST MAY BE REQUIRED. OTHER SPECIAL PRECAUTIONS SUCH AS RESPIRATORY MASKS OR ENVIRONMENTAL CONTAINMENT DEVICES MAY BE REQUIRED IN EXTREME CASES.

RESPIRATORY(SPECIFY IN DETAIL): CHEMICAL CARTRIDGE RESPIRATOR; HALF MASK ORGANIC VAPOR CARTRIDGE IF EYE PROTECTION IS NEEDED.

EYES: CHEMICAL GOGGLES AND/OR FACE SHIELD ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION, OR INJURY.

GLOVES: IMPERVIOUS GLOVES, (CHEMICAL RESISTANT) SUCH AS NEOPRENE, LATEX OR PVA.

OTHER CLOTHING AND EQUIPMENT: TO PREVENT BODY CONTACT, IMPERVIOUS CLOTHING AND BOOTS ARE RECOMMENDED. IMPERVIOUS APRONS ARE RECOMMENDED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS ARE RECOMMENDED.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS:

PERSONNEL SHOULD AVOID INHALATION OF VAPORS. PERSONAL CONTACT WITH THE PRODUCT SHOULD BE AVOIDED. SHOULD CONTACT BE MADE, REMOVE SATURATED APPAREL AND FLUSH AFFECTED BODY AREAS WITH WATER. CLOTHING MUST BE WASHED AND DRIED BEFORE RE-USE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE (VAPOR, LIQUID AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

OTHER HANDLING AND STORAGE REQUIREMENTS:

STORE IN WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS. STORE IN ACCORDANCE WITH FEDERAL REGULATIONS. DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, SPARKS ETC. USE WITH EXPLOSION PROOF EQUIPMENT IS HIGHLY ADVISABLE.

HMIS HAZARD RATINGS:

| | NPCA-HMIS | NFPA 704 | KEY |
|--------------|-----------|----------|------------|
| HEALTH | 3 | 3 | 4=SEVERE |
| FLAMMABILITY | 2 | 2 | 3=SERIOUS |
| REACTIVITY | 0 | 0 | 2=MODERATE |
| | | | 1=SLIGHT |
| | | | 0=MINIMAL |

ADDITIONAL REGULATORY CONCERNS: (FEDERAL, FDA, USDA, CPSC, STATE, OTHER)

FEDERAL:

FDA:

USDA:

TSCA: IS THIS PRODUCT, OR ALL IT'S INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? YES

PREPARED BY

DARRYL MANUE./PRESIDENT

COMPANY:

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THE INFORMATION PROVIDED IN THIS MATERIAL

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