

HAZARD RATING

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

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

MATERIAL SAFETY DATA SHEET
VEXCON NO. CP103B AIM(CLEAR)

Performance Construction Chemicals

7240

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GENERAL INFORMATION
PRODUCT IDENTIFICATION: VEXCON POWER® COAT AIM PART B CLEAR

VOC CONTENT: 413 GR./LITER OR 3.45 #/GAL.
CATEGORY: INDUSTRIAL MAINTENANCE COATING

COMMON NAME: EPOXY PAINT

DOT SHIPPING NAME: IN CONTAINERS LESS THAN 119 GALS.:
 VEXCON POWERCOAT PART B: (NON-REGULATED)
 IN CONTAINERS GREATER THAN 119 GALS.:
 COMBUSTIBLE LIQUID, N.O.S. (AROMATIC SOLVENT), 3, NA 1993, III
HEALTH AND SAFETY: COMBUSTIBLE LIQUID, IF SWALLOWED, DO NOT INDUCE
 VOMITING: USE ONLY WITH ADEQUATE VENTILATION: USE OF SOLVENT
 RESISTANT GLOVES, GOGGLES AND OTHER PROTECTIVE EQUIPMENT IS ADVISED
 WHEN HANDLING THIS PRODUCT.

SECTION I

MANUFACTURER: VEXCON CHEMICALS
EMERGENCY NO: 1-800-858-2828
CHEMTREC NO: 1-800-424-9300
TELEPHONE NO: 1-215-332-7709
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PREPARED: MAY 1996
UPDATED: NOVEMBER 2004
PREPARED BY: DARRYL F. MANUEL

SECTION II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD LIMITS	UN#
BISPHENOL A/EPICHLOROHYDRIN EPOXY RESIN	25068-38-6	79.5%	ND	
ETHYLENE GLYCOL MONOPROPYLEETHER	002807-30-9	2.5%	OSHA HAZARD COMBUSTIBLE TLV 25 ppm	
CYCLOHEXONE AR 100 SOLVENT WHICH CONTAINS	64742-95-6	4.0% 14%	OSHA HAZARD: COMBUSTIBLE NOT ESTABLISHED	1255
HYDROCARBONS 1,2,4 TRIMETHLBENZENE XYLENE CUMENE			OSHA PEL: ACGIH TLV/TWA 25 ppm OSHA PEL: ACGIH TLV/TWA 100 ppm OSHA PEL: ACGIN 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, 760 mm Hg: 313-355° F **MELTING POINT:** N/A
SPECIFIC GRAVITY (H20=1) .1.1 (60/60°F)
VAPOR PRESSURE: 2.70 mm/Hg @20F
VAPOR DENSITY (AIR = 1): 4.3
SOLUBILITY IN H2O % BY WT: INSOLUBLE
% VOLATILES BY VOL: 52%
EVAPORATION RATE (BUAC=1): .1
 PH (AS IS) N/A PH (1% SOLN.): N/A
 APPEARANCE AND ODOR: WATER WHITE LIQUID W/AROMATIC ODOR

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD): 111° F TCC **AUTOIGNITION TEMP:** 869° F
FLAMMABLE LIMITS IN AIR, % BY VOL: **LOWER:** 1.0 **UPPER:** 7.0
UNUSUAL FIRE AND EXPLOSION HAZARD: NO UNUSUAL HAZARDS -
 KEEP WORK AREAS FREE OF HOT METAL

ELECTROSTATIC ACCUMULATION HAZARD - USE PROPER GROUNDING

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 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.

FIRE FIGHTING: USE WATER SPRAY TO COOL FIRE EXPOSED
 SURFACES AND TO PROTECT PERSONNEL. ISOLATE "FUEL" SUPPLY
 FROM FIRE. USE FOAM, DRY CHEMICAL, OR WATER SPRAY TO
 EXTINGUISH FIRE. AVOID SPRAYING WATER DIRECTLY INTO STORAGE
 CONTAINERS DUE TO DANGER OF BOIL OVER. THE USE OF SELF-
 CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIRE
 FIGHTERS. SEE ALSO SECTION IX.

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 PRODUCTS: THERMAL DECOMPOSITION
 IN THE PRESENCE OF AIR YIELD CARBON MONOXIDE AND/OR CARBON
 DIOXIDE. CONDITIONS CONTRIBUTING TO HAZARDOUS
 POLYMERIZATION: WILL NOT OCCUR.

PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE THE TIME WEIGHTED TLV: USE OF A OSHA APPROVED CARTRIDGE RESPIRATOR OR GAS MASK OR AIRPACK.

SECTION VI HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE

ROUTES OR EXPOSURE/INHALATION: THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES. DIZZINESS, LIGHTHEADEDNESS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. AR100 COMPONENT

SKIN CONTACT: THIS PRODUCT MAY RESULT IN SKIN IRRITATION UPON PROLONGED/REPEATED CONTACT AR 100 COMPONENT

SKIN ABSORPTION: SEE ABOVE

EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT. AR 100 COMPONENT

INGESTION: SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

EFFECTS OF OVEREXPOSURE TLV-50 ppm

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

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS AND PERSISTS.

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

INGESTION: DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

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:

LAND SPILL: ELIMINATE SOURCES OF IGNITION. PREVENT ADDITIONAL DISCHARGE OF MATERIAL IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS IMPLEMENT CLEANUP PROCEDURES: FOR LARGE SPILL IMPLEMENT CLEAN UP PROCEDURES AND, IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. ALSO, IF THIS PRODUCTS SUBJECT TO CERCLA REPORTING NOTIFY THE NATIONAL RESPONSE CENTER. PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES, OR LOW AREAS. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. RECOVER BY PUMPING (USE AN EXPLOSION PROOF OR HAND PUMP) OR WITH A SUITABLE ABSORBENT. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

WATER SPILL: REMOVE FROM SURFACE BY SKIMMING OR WITH SUITABLE ABSORBENTS. IF ALLOWED BY LOCAL AUTHORITIES AND ENVIRONMENTAL AGENCIES, SINKING AND/OR SUITABLE DISPERSENTS MAY BE USED IN ON-CONFINED WATERS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

SECTION VIII CONTROL MEASURES

VENTILATION REQUIREMENTS: LOCAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP PRODUCT VAPOR CONCENTRATIONS WITHIN SPECIFIED TIME-WEIGHTED TLV RANGES. IF GENERAL 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): THE USE OF RESPIRATORY

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

GLOVES: THE USE OF IMPERMEABLE GLOVES IS ADVISED TO PREVENT SKIN IRRITATION IN SENSITIVE INDIVIDUALS.

OTHER CLOTHING AND EQUIPMENT: IMPERMEABLE APRONS AND HELMETS (HEAD COVER) ARE ADVISED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFFETY SHOWERS IN WORK AREAS IS RECOMMENDED

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS:

FIRE FIGHTING: WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIA BUT HELPFUL IN KEEPING ADJACENT CONTAINERS COOL. AVOIDSPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES. PERSONNEL SHOULD AVOID INHALATION OF VAPORS. PERSONAL CONTACT WITH THE PRODUCT SHOULD BE AVOIDED. SHOULD CONTACT BE MADE REMOVE SATURATED CLOTHING AND FLUSH AFFECTED AREAS WITH WATER.

OTHER HANDLING AND STORAGE REQUIREMENTS: KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM SOURCES OF IGNITION. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION EQUIVALENT TO FRESH AIR.

HMIS HAZARD RATINGS: THIS INFORMATION IS FOR PEOPLE TRAINED IN: NATIONAL PAINT AND COATING ASSOCIATIONS (NPCA) HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) NATIONAL FIRE PROTECTION ASSOCIATION (NEPA 704)IDENTIFICATION OF FIRE HAZARDS OF MATERIALS

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

SECTION X REGULATORY INFORMATION

TSCA: THE SOLVENT PORTION OF THIS PRODUCT IS LISTED ON THE TSCA INVENTORY AS A UVCB (UNKNOWN, VARIABLE COMPOSITION OR BIOLOGICAL) CHEMICAL AT CAS REGISTRY NUMBER 64742-95-6.

CERCLA: IF THE REPORTABLE QUANTITY OF THIS PRODUCT IS ACCIDENTALLY SPILLED, THE INCIDENT IS SUBJECT TO HE PROVISIONS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) AND MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER BY CALLING 800-424-8802. THIS MATERIAL IS COVERED BY CERCLA'S PETROLEUM EXCLUSION, THEREFORE, RELEASES TO AIR, LAND AND WATER ARE NOT REPORTABLE UNDER EPA-CERCLA (SUPERFUND).

THIS PRODUCT CONTAINS: XYLENE, CUMENE, and TRIMETHLBENZENE

SARA TITLE III: UNDER THE PROVISIONS OF TITLE III, SECTIONS 311/312 OF THE SUPERFUND AMENDMENTS AND RE-AUTHORIZATION ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING HAZARD CATEGORIES.RCRA (40 CFR 261.21) IF THIS PRODUCT BECOMES A WATER MATERIAL, IT WOULD BE AN IGNITABLE HAZARDOUS WASTE. HAZARDOUS WASTE NUMBER D001. REFER TO LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

DELAYED HEALTH, FIRE.

FEDERAL:

FDA:

USDA:

TSCA: IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCESCONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? YES

PREPARED BY:

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TITLE:

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