

HAZARD RATING

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

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

MATERIAL SAFETY DATA SHEET
VEXCON NO. CP106 PART A COLOR



Performance Construction Chemicals

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GENERAL INFORMATION

PRODUCT IDENTIFICATION POWERCOAT® EPOXY LD
 PART A PIGMENTED

VOC CONTENT: 545 GR./LITER OR 4.55 #/GAL
CATEGORY: INDUSTRIAL MAINTENANCE COATING

COMMON NAME: PAINT IN AROMATIC ALIPHATIC SOLVENT

DOT SHIPPING NAME: IN CONTAINER LESS THAN 119 GALS:
 POWERCOAT EPOXY LD PART A PIGMENTED(NON-REGULATED) IN
 CONTAINERS GREATER THAN 119 GALS:COMBUSTIBLE LIQUID, N.O.S.
 (AROMATIC SOLVENT), 3, NA 1993, III
FOR LIMITED QUANTITY AIR & OCEAN SHIPMENT: RQ (ACETONE)
 RESIN SOLUTION, FLAMMABLE, 3, UN1866, III

HEALTH AND SAFETY COMBUSTIBLE LIQUID: USE ONLY WITH ADEQUATE
 VENTILATION: IF SWALLOWED, DO NOT INDUCE VOMITING: (USE OF
 SOLVENT RESISTANT GLOVES, GOGGLES AND OTHER PROTECTIVE
 EQUIPMENT IS ADVISED WHEN HANDLING THIS PRODUCT:) ASPIRATION
 OF MATERIALS INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONIA
 WHICH CAN BE FATAL USE OF RESPIRATORS IS ADVISED WHEN USING
 PRODUCT IN CONFINED AREA.

SECTION I

MANUFACTURER: VEXCON CHEMICALS
EMERGENCY NO: 1-800-858-2828
CHEMTREC NO: 1-800-424-9300
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PREPARED: JUNE 1997
UPDATED: JANUARY 2006
PREPARED BY: DARRYL F. MANUEL

SECTION II HAZARDOUS INGREDIENTS

<u>MATERIAL OR COMPONENTS</u>	<u>CAS. NO</u>	<u>%</u>	<u>HAZARD DATA</u>	<u>UN#</u>
STYRENE ACRYLATE	25036-16-2	35%	ND	
AR 100 SOLVENT	64742-95-6	2%	TLV 50 PPM	1268
STODDARD SOLVENT	8052-41-3	31%	TLV 100	
TITANIUM DIOXIDE	13463-67-7	4%		
RESPIRABLE DUST			5 mg/M3 TLV 5 mg/M3	
TOTAL DUST			15 mg/M3 TLV 10 mg/M3	
CALCIUM CARBONATE	1317-65-3	16%		
SAME AS ABOVE				
ETHYLENE GLYCOL				
MONOPROPYLETHYER	002807-30-9	1.4%	OSHA HAZARD COMBUSTIBLE CORROSIVE SKIN/ORAL CORROSIVE IPPM TLV	

BALANCE INERT FILLERS

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 760 mm Hg: 313-355° F **MELTING POINT:** N/A
SPECIFIC GRAVITY (H2O=1) 1.1
VAPOR PRESSURE: 6.6 mm Hg @20C **VAPOR DENSITY (AIR=1):** .95
SOLUBILITY IN H2O % BY WT: INSOLUBLE
% VOLATILES BY VOL: 60% **EVAPORATION RATE (BUOH=1):** 0.80
APPEARANCE AND ODOR: PAINT LIKE MATERIAL,
 MILD ODOR
 PH (AS IS): NA PH (1% SOLN): NA

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT: (TEST METHOD): 111° F TCC
AUTOIGNITION TEMPERATURE: 930°
FLAMMABLE LIMITS IN AIR: % BY VOL: ND **LOWER:** 1.0 **UPPER:** 7.0
UNUSUAL FIRE AND EXPLOSION HAZARD: NO UNUSUAL HAZARDS -
 KEEP WORK AREAS FREE OF HOT METAL

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

SPECIAL FIRE FIGHTING PROCEDURES: 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 PRODUCT: THERMAL DECOMPOSITION IN THE PRESENCE OF AIR YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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 PRODUCT IS 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 DISPERSANTS 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 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 PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE THE TIME WEIGHTED TLV: USE OF A OSHA APPROVED CARTRIDGE RESPIRATOR OR

GAS MASK OR AIRPACK.

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 SAFETY 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. AVOID SPREADING 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 RATING:

THIS INFORMATION IS FOR PEOPLE TRAINED IN: NATIONAL PAINT AND COATINGS 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	3	3	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 THE 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. THE REPORTABLE SPILL QUANTITY OF THIS PRODUCT IS 5,000 POUNDS.

THIS PRODUCT CONTAINS: XYLENE, ETHYLBENZENE, CUMENE, TRIMETHYLBENZENE

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.

DELAYED HEALTH, FIRE

FEDERAL:

FDA:

USDA:

TSCA: IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY

OF CHEMICAL SUBSTANCES? YES

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THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM SOURCES

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