

HAZARD RATING

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

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

MATERIAL SAFETY DATA SHEET
VEXCON NO. CC104

Performance Construction Chemicals

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 VOICE: 215.332.7709 • FAX: 215.332.9997
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GENERAL INFORMATION
PRODUCT IDENTIFICATION: VEXCON ENVIOCURE RC 1000

VOC CONTENT: 334 GR/LITER OR 2.8#/GAL

CATEGORY: CURE

COMMON NAME: HYDROCARBON RESIN IN EXEMPT SOLVENT BLEND

DOT SHIPPING NAME: IN CONTAINERS LESS THAN 119 GALS: RESIN SOLUTION, FLAMMABLE, 3 UN 1866, II IN CONTAINERS GREATER THAN 119 GALS: RQ, RESIN SOLUTION, FLAMMABLE, 3, UN 1866, II

HEALTH AND SAFETY: FLAMMABLE 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 MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL: USE OF RESPIRATORS IS ADVISED WHEN USING PRODUCT IN CONFINED AREA

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 2004
PREPARED BY: DARRYL F. MANUEL/PRESIDENT

SECTION II HAZARDOUS INGREDIENTS

Material or Component	Cas No	Hazardous Data	UN#
Hydrocarbon Polymer	68527-25-3	OSHA PeJ: ACGIH TLV 10 mg/M ³ for dust	
AR 100 Solvent	64742-95-6	TLV 50 ppm	1255
Standard Solvent	8051-41-3	TLV 100 ppm	1255
Acetone	67-64-1	750 ppm TWA 1000 ppm STEL	1090
Xylene	1330-20-7	TLV 100 ppm	1307

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT, 56° C **MELTING POINT:** N/A
SPECIFIC GRAVITY .93 **VAPOR PRESSURE:** 181mm Hg @ 20° C
VAPOR DENSITY (AIR=1): 2.0
SOLUBILITY IN H2O % BY WT: MISCABLE
% VOLATILES BY VOL: 65% H (AS IS); NA PH (1% SOLN): NA
EVAPORATION RATE (BUOH=1): 0.8
APPEARANCE AND ODOR: BROWN LIQUID WITH PAINT SOLVENT ODOR.

SECTION IV FIRE AND EXPLOSION DATA
FLASH POINT: (TEST METHOD): 1.4° F TCC

AUTOIGNITION TEMPERATURE: 869° F

FLAMMABLE LIMITS IN AIR: % BY VOL: ND **LOWER:** 2.5 **UPPER:** 12.8%

EXTINGUISHING MEDIA: FIRES INVOLVING THIS PRODUCT ARE UNLIKELY, BUT SHOULD ONE OCCUR, IT MAY BE CONTROLLED BY CARBON DIOXIDE, DRY CHEMICALS OR WATER SPRAY.

GENERAL HAZARD: FLAMMABLE 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: PRESSURE DEMAND, SELF CONTAINED RESPIRATORY PROTECTION SHOULD BE PROVIDED FOR FIRE FIGHTERS IN BUILDINGS OR CONFINED AREAS WHERE THIS PRODUCT IS STORED. STORAGE CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH A WATER SPRAY IN ORDER TO PREVENT PRESSURE BUILD UP.

UNUSUAL FIRE AND EXPLOSION HAZARD THIS PRODUCT IS EXTREMELY FLAMMABLE AND EXPOSIVE UNDER NORMAL CONDITIONS IN THE PRESENCE OF A FLAME OR SPARK SOURCE. IF STORAGE CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT, OVER PRESSURIZATION OF THE CONTAINERS CAN RESULT.

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 MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

CONDITIONS CONTRIBUTING TO HAZARD 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.

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.

INGESTION/INHALATION: 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-750 PPM ACUTE OVEREXPOSURE:

ANESTHESIA, HEADACHES, 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 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 MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. SEEK 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 F ALLOWED BY LOCAL AUTHORITIES AND ENVIRONMENTAL AGENCIES. SINKING AND/OR SUITABLE DISPERSANTS MAY BE USED IN ON-CONFINED WATERS. CONSULT AN EXPERT 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 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): 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.

EYES: CHEMICAL GOGGLES AND/OR FACE SHIELD 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 RATINGS:

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

HMIS HAZARD RATINGS:

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

SECTION X REGULATORY INFORMATION

TSCA: 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) A DN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER BY CALLING 800-424-8802. THE REPORTABLE SPILL QUANTITY OF THIS PRODUCT IS 5,000 POUNDS.

SARA TITLE III: UNDER THE PROVISIONS OF TITLE III, SECTIONS 311/312 OF THE SUPER FUND AMENDMENTS AND RE-AUTHORIZATION ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING HAZARD CATEGORIES. IMMEDIATE FIRE. ACETONE.

REPORTABLE INGREDIENTS.

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

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