

HAZARD RATING

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

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

MATERIAL SAFETY DATA SHEET
VEXCON NO. CP116B



Performance Construction Chemicals

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GENERAL INFORMATION

PRODUCT IDENTIFICATION: MOISTUREBLOC™ MOISTURE REDUCTION

TOPCOAT STEP 2 LOW ODOR

VOC CONTENT: 671 GRAMS/LITER OR 5.60 #/GAL.

CATEGORY: CURE AND SEAL

COMMON NAME: STYRENE ACRYLATE COPOLYMER IN AROMATIC/
ALIPHATIC SOLVENT

DOT SHIPPING NAME: IN CONTAINER LESS THAN 119 GALS:
MOISTUREBLOC ADHESIVE TOPCOAT STEP 2 (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
TELEPHONE NO: 1-215-332-7709
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PREPARED: SEPTEMBER 2000
UPDATED: JANUARY 2006
PREPARED BY: DARRYL F. MANUEL

SECTION II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENTS	CAS. NO	%	HAZARD DATA	UN#
STYRENE ACRYLATE POLYMER	25036-16-2	14-30%	ND	
AR 100 SOLVENT	64742-95-6	25%	TLV 50 PPM OSHA HAZARD: COMBUSTIBLE	1268
WHICH CONTAINS HYDROCARBONS			OSHA PEL: ACGIH TLV	
TRIMETHYLBENZENE			OSHA PEL: ACGIH TLV	
STODDARD SOLVENT	8052-41-3	66-40%	TLV 100 PPM	1255

THE SOLVENT PORTION CONTAINS THE FOLLOWING SECTION 313 REPORTABLE

INGREDIENTS:	COMPONENT	MAXIMUM %	CAS NO
	TRIMETHYLBENZENE	10	95-63-6

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 310-405 F **MELTING POINT:** N/A
SPECIFIC GRAVITY (H2O=1) 0.870 **VAPOR PRESSURE:** 3.1 mm Hg @20C
VAPOR DENSITY (AIR=1): 4.9
 PH (AS IS): NA PH (1% SOLN): NA
SOLUBILITY IN H2O % BY WT: INSOLUBLE **% VOLATILES BY VOL:** 70-86%
EVAPORATION RATE (BUOH=1): 0.12

APPEARANCE AND ODOR: WATER WHITE LIQUID WITH PAINT SOLVENT
ODOR.(MAY CONTAIN FUGITIVE RED DYE).

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT: (TEST METHOD): 106 F TCC
AUTOIGNITION TEMPERATURE: 473
FLAMMABLE LIMITS IN AIR: % BY VOL: ND
LOWER: 0.5 **UPPER:** 6.0

EXTINGUISHING MEDIA: REGULAR FOAM, CARBON DIOXIDE OR
DRY CHEMICAL. WATER MAY BE USED TO REDUCE THE RATE OF
BURNING AND FOR COOLING PURPOSES.

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.

SPECIAL FIRE FIGHTING PROCEDURES: THE USE OF SELF-CONTAINED
BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN
PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE. UNUSUAL
FIRE AND EXPLOSION HAZARD: VAPOR IS HEAVIER THAN AIR AND MAY
TRAVEL ALONG THE GROUND OR THROUGH VENTILATION SYSTEM
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH
BACK.

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.
AR 100 COMPONENT AND STODDARD SOLVENT
SKIN CONTACT: THIS PRODUCT MAY RESULT IN SKIN IRRITATION UPON PROLONGED/REPEATED CONTACT.
AR 100 COMPONENT AND STODDARD SOLVENT
SKIN ABSORPTION: SEE ABOVE

EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT.
AR 100 COMPONENT AND STODDARD SOLVENT
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 AND SPILL CONTROL

WASTE DISPOSAL METHOD: IF POSSIBLE, PUMP TO CONTROL CONTAINMENT AREA. ABSORB ON CLAY OR SAND. DISPOSE OF PROCEDURES AND, IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. ALSO, IF THIS PRODUCT IS SUBJECT TO CERCLA REPORTS 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

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 EYEWASHES AND SAFETY SHOWERS IN WORK AREAS ARE RECOMMENDED.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS:

FIRE FIGHTING: WATER MAY BE UNSUITABLE AS AN 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.

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

	NPCA-HMS	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 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, and 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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