

HAZARD RATING

4=EXTREME

2=MODERATE

1=SLIGHT

0=INSIGNIFICANT

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

**MATERIAL SAFETY DATA SHEET
VEXCON NO. CS115**

7240 STATE RD • PHILADELPHIA, PA. 19135

VOICE: 215.332.7709 • FAX: 215.332.9997

TOLL FREE: 888-VEXCON-1

WEBSITE ADDRESS: www.vexcon.com**GENERAL INFORMATION**

PRODUCT IDENTIFICATION: CERTI VEX® AC 1315 HG
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:
 CERTI-VEX-AC 1315 HG (NON-REGULATED)
 IN CONTAINERS GREATER THAN 119 GALS: COMBUSTIBLE
 LIQUID, N.O.S. (AROMATIC SOLVENT), 3, NA 1993, 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
ADDRESS: 7240 STATE RD., PHILA., PA 19135
PREPARED: MAY 1996
UPDATED: March 2004
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 POLYMER	25036-16-2	14-30%	ND	
SOLVENT NAPHTHA(Petroleum), LIGHT AROMATIC	64742-95-6	25%	TLV 50 PPM OSHA HAZARD: COMBUSTIBLE	1268

WHICH CONTAINS
 HYDROCARBONS OSHA PEL: ACGIH TLV
 TRIMETHYLBENZENE OSHA PEL: ACGIH TLV
 PERTROLEUM HYDROCARBON 8052-41-3 66-40% TLV 100 PPM 1255

**THE SOLVENT PORTION CONTAINS THE FOLLOWING SECTION 313 REPORTABLE
INGREDIENTS:**

<u>COMPONENT</u>	<u>MAXIMUM %</u>	<u>CAS NO</u>
TRIMETHYLBENZENE	10	95-63-6

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 310-405 F
SPECIFIC GRAVITY (H2O=1): 0.894
VAPOR DENSITY (AIR=1): 4.9
MELTING POINT: N/A
VAPOR PRESSURE: 3.1 mm Hg @20C
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, LIGHTEADEDNESS 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.

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

	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 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

PREPARED BY: DARRYL MANUEL

TITLE: PRESIDENT

COMPANY: VEXCON CHEMICALS,
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