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

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0

SAFETY DATA SHEET
VEXCON NO. PS104AIM

CERTI-VEX GUARD CLEAR, MATTE & HG AIM

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION: CERTI-VEX GUARD CLEAR, MATTE & HG AIM	
VOC CONTENT:	<350 GRAMS/LITER OR <2.92 #/GAL
CATEGORY:	CONCRETE CURING & SEALING COMPOUND
COMMON NAME:	STYRENE ACRYLATE COPOLYMER IN AROMATIC/ EXEMPT SOLVENT
MANUFACTURER:	**VEXCON CHEMICALS, INC**
ADDRESS	7240 STATE RD, PHILADELPHIA, PA 19135
EMERGENCY NO:	800.858.2828 (PolySat Inc)
TELEPHONE NO:	215.332.7709 (Vexcon)
CHEMTREC NO:	800.424.9300 (CCN# 23822)
PREPARED:	MARCH 2007
UPDATED:	JUNE 2020
PREPARED BY:	DARRY F. MANUEL , PRESIDENT

SECTION II – HAZARD IDENTIFICATION

CLASSIFICATION OF MIXTURE

FLAMMABLE LIQUIDS – CATEGORY 2
ACUTE TOXICITY; INHALATION – CATEGORY 4
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY – SINGLE EXPOSURE – CATEGORY 3
ACUTE AQUATIC TOXICITY – CATEGORY 3

SINGLE WORD: DANGER

HAZARD STATEMENT: HIGHLY FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. HARMFUL TO AQUATIC LIFE.

PRECAUTIONARY STATEMENT FLAMMABLE LIQUID: KEEP AWAY FOR HEAT/SPARKS/ OPEN FLAMES/HOT SURFACES- NO SMOKING. 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 III HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENTS	CAS NO.	%	HAZARD DATA	UN#
STYRENE ACRYLATE SILANE POLYMER	25036-16-2	34-45%	ND	n/a
TERTIARY BUTYL ACETATE	540-88-5	30-50%	OSHA HAZARD: FLAMMABLE LIQUID OSHA PEL: 200 ppm ACGIH TLV: 200 ppm	1123
SOLVENT NAPHTHA (Petroleum) LIGHT AROMATIC 100	64742-94-6	10-15%	OSHA HAZARD: COMBUSTIBLE TLV 50 ppm	1268
SOLVENT NAPHTHA (Petroleum), HEAVY AROMATIC (AROMATIC 150)	64742-94-5	1-5%	ACGIH TLV: 100 ppm, 525 mg/m3 (TWA) OSHA PEL: 500 ppm, 2900 mg/m3 (TWA) NIOSH REL: 350 mg/m3 (TWA)	1255
THE SOLVENT PORTION CONTAINS THE FOLLOWING § SECTION 313 REPORTABLE INGREDIENTS:				
1,2,4-TRIMETHYL BENZENE (PSEUDOCUMENE)	95-63-6	1.5% MAX	OSHA PEL: NE ACGIH TLV: 25ppm (TWA)	1993 (FLAMMABLE LIQUIDS, N.O.S) OR 3295 (HYDROCARBONS, LIQUID, N.O.S.)
XYLENES	1330-20-7	1.1% MAX	OSHA Z1 100ppm (TWA) ACGIH TLV 100ppm (TWA) NIOSH REL 100 ppm (TWA)	1307 (XYLENES)
CUMENE	98-82-8	2.2% MAX	OSHA Z1 50ppm (TWA) ACGIH TLV 50ppm (TWA)	1918 (ISOPROPYL BENZENE

SECTION IV FIRST AID MEASURES

HEALTH HAZARD DATA HAZARD CLASSIFICATION
BASIS FOR CLASSIFICATION SOURCE

ROUTES OF EXPOSURE:	
INHALATION:	THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES. DIZZINESS, LIGHTHEADEDNESS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. STODDARD SOLVENT COMPONENT AND AR100 COMPONENT.
SKIN CONTACT:	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. STODDARD SOLVENT COMPONENT AND AR100 COMPONENT
SKIN ABSORPTION:	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. STODDARD SOLVENT COMPONENT AND AR100 COMPONENT.
EYE CONTACT:	THIS PRODUCT MAY BE AN EYE IRRITANT. STODDARD SOLVENT COMPONENT AND AR100 COMPONENT.
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 50 ppm** ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS. LIQUIDS MODERATELY IRRITATING ON SKIN AND EYES.
ACUTE OVEREXPOSURE:	ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS: MODERATE IRRITATION BY LIQUID TO SKIN AND EYES. PROLONGED CONTACT ON THE SKIN WILL CLAY AND DEFAT THE SKIN POSSIBLY CAUSING DERMATITIS.
EMERGENCY AND FIRST AID PROCEDURES:	
EYES:	FLUSH WITH PLENTY 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. **NOTE: THIS MATERIAL RELEASES METHYL ALCOHOL UPON HYDROLYSIS. METHYL ALCOHOL CAUSES OPTIC NEUROPATHY, METABOLIC ACIDOSIS AND RESPIRATORY DEPRESSION. SIGNS AND SYMPTOMS OF OVEREXPOSURE INCLUDE HEADACHE, BLURRED VISION, CONSTRICTED VISUAL FIELDS, SHORTNESS OF BREATH, DIZZINESS AND VERTIGO. INGESTION OF METHYL ALCOHOL MAY LEAD TO BLINDNESS OR DEATH.**
INGESTION:	DO NOT INDUCE VOMITING; SEEK IMMEDIATE MEDICAL ATTENTION.

SECTION V FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	FIRES INVOLVING THIS PRODUCT MAY BE CONTROLLED BY REGULAR FOAM, CARBON DIOXIDE, OR DRY CHEMICALS. WATER SPRAY WATER MAY BE USED TO REDUCE THE RATE OF BURNING 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.
ELECTRO-STATIC	**USE PROPER GROUNDING**
ACCUMULATION HAZARD:	
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.
SPECIAL FIRE FIGHTING PROCEDURES:	THE USE OF SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE 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 WATER SPRAY IN ORDER TO PREVENT PRESSURE BUILD UP.

SECTION VI ACCIDENTAL RELEASE MEASURES

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 EPA, FEDERAL, STATE, AND 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 NON-CONFINED WATERS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO EPA, FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.

SECTION VII HANDLING AND STORAGE

PRECAUTIONARY STATEMENTS: WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIUM 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 APPAREL AND FLUSH AFFECTED BODY AREAS WITH WATER. CLOTHING MUST BE WASHED AND DRIED BEFORE REUSE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE (VAPOR, LIQUID AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

OTHER HANDLING AND STORAGE REQUIREMENTS: STORE IN WELL VENTILATED AREA, EQUIVALENT TO FRESH AIR. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS. STORE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT STORE OR CONSUME FOOD, DRINK, OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, SPARKS, ETC. USE WITH EXPLOSION PROOF EQUIPMENT IS HIGHLY ADVISABLE.

SECTION VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

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 OSHA APPROVED CARTRIDGE RESPIRATOR OR GAS MASK OR AIR-PACK. CHEMICAL CARTRIDGE RESPIRATOR: HALF MASK ORGANIC VAPOR CARTRIDGE. FULL FACE ORGANIC VAPOR CARTRIDGE IF EYE PROTECTION IS NEEDED.

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. IMPERVIOUS GLOVES,

(CHEMICAL RESISTANT) SUCH AS NEOPRENE, LATEX OR PVA.
OTHER CLOTHING AND EQUIPMENT: TO PREVENT BODY CONTACT, IMPERVIOUS CLOTHING AND BOOTS ARE RECOMMENDED. IMPERVIOUS APRONS AND HELMETS (HEAD COVER) ARE RECOMMENDED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

SECTION IX PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: (760mmHg) 208˚F/ 98˚C (TBAc)	**MELTING/FREEZING POINT:** 79˚F/-62˚C (TBAc)
VAPOR PRESSURE: 41.5 mmHg@68°F/25°C (TBAc)	**VAPOR DENSITY (AIR=1):** 4.0 (TBAc)
SOLUBILITY IN H20 % BY WT: MISCIBLE	**% VOLATILES BY VOL:** 66%
EVAPORATION RATE (BuAc=1): 2.8 MEDIUM (TBAc)	**SPECIFIC GRAVITY (H2O=1)** 0.92
pH (AS IS): N/A	**pH (1% SOLN):** N/A
APPEARANCE AND ODOR:	CLEAR LIQUID WITH PAINT SOLVENT ODOR
FLASH POINT: (TEST METHOD)	**4°C / 39°F (TCC) (TBAc)**
AUTOIGNITION TEMP:	517°C / 964°F (TBAc)
FLAMMABLE LIMITS IN AIR, % BY VOL:	**LOWER:** 1.2% **UPPER:** 6.9% (TBAc)

SECTION X STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY:	THIS 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, SiO2, FORMALDEHYDE, HYDROCARBON VOLATILES, AND UNIDENTIFIED ORGANICS.
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:	N/A WILL NOT OCCUR

SECTION XI TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	LC50 (VAPOR)	RAT	4211 ppm	6 HOURS
	LD50 (ORAL)	RAT	4500 MG/KG BWT	
	LD50	RABBIT	>2000 ,G/KG BWT	
ACUTE EFFECTS	INHALATION		VAPORS OR AEROSOL MAY CAUSE IRRITATIONOF THE EYES, NOSE AND THROAT AS WELL AS CNS DEPRESSION (FATIGUE, DIZZINES, LOSS OF CONCENTRATION, WITH COLLAPSE, COMA AND DEATH POSSIBLE IN CASES OF SEVERE OVER EXPOSURE), INHALATION OF AIRBORNE DROPLETS MAY CAUSE IRRITATIONS OF THE RESPIRATORY TRACT.	
	INGESTION		MAY CAUSE CNS DEPRSSION, GASTRIC DSCOMFORT, AND VOMITING. THIS MATERIAL IS AN ASPIRATION HAZARD.	
	SKIN CONTACT		NO SYSTEMIC TOXICITY IS EXPECTED FROM ACUTE DERMAL EXPOSURE	
IRRITATION	SKIN		NOT A SKIN IRRITANT	
	EYES		NO EYE IRRITATION	
SENSITIZATION	DOES NOT INDUCE SKIN SENSITIZATION.			
REPEATED DOES TOXICITY	INHALATION REPEATED EXPOSURE STUDIES DEMONSTRATED TARGET ORGAN EFFECTS IN MALE RATS (KINDEY) BY MECHANISM OF ACTION THAT IS NOT RELEVANT TO HUMAS NAD IN MICE (NERVOUS SYTEM) TRANSIENT BEHAVIOR CHANGES THAT WERE OBSERVED IMMEDIATELY AFTER EXPOSURE.			
REPRODUCTIVE EFFEXTE	THIS SUBSTANCE IS NOT TOXIT TO REPRODUCTION. THE REPRODUCTIVE TOXICITY OF T-BUTYL ACETATE HAS BEEN INVESTAGATED IN RATS VIA A INHALATION ROUTE. THERE WERE NO ADVERSE EFFECTS ON REPRODUCTIVE PERFORMANCE OR SPERM NUMVER OR UALITY AT 1600 ppm, THE HIGHEST EXPOSURE LEVEL TESTED. IN ADDITION, NO GROSS OR HISTOPATHOLOGIC EFFECTS WERE OBSERVED IN THE REPRODUCTIVE ORGANS OF MALE AND FEMALE RATS OR MICE EXPOSED AT 1600 ppm FOR 90 DAYS IN A REPEATED EXPOSURE TOXICITY STUDY CONDUCTED VIA INHALATION AND THERE WAS NO ADVERSE EFFECTS ON ESTROUS CYCLE LENGTH IN MICE.			
DEVELOPMENTAL TOXICITY	THIS SUBSTANCE IS NOT A DEVELOPMENTAL TOXICANT. IT DID NOT CAUSE MATERNAL TOXICITY AND NO EMBRO/FETAL TOXICITY OR DEVELOPMENTA ABNORMALITIES WERE OBSERVED IN THE OFF SPRINF OF ANIMALS FOLLOWING INHALATION EXPOSURES OF 1600 ppm.			
GENETIS TOXICITY	NEGATICE FOR GENOTOXICITY USING BOTH IN VITRO AND IN VIVO TEST.			
GARCINOGENICITY	SPECIFIC DATA NOT AVAILABLE. T-BUTANOL, THE PRIMARY METABOLITE OF T-BUTYL ACETATE IS AN ANAMAL CARCINOGEN. IN DRINKING WATER STUDY, T-BUTANOL INDUCED BEGIGN KIDNEY TUMORS IN MALE RATS VIA AN a-2u-GLOBULIN MODE OF ACTION, A TUMOR MECHANISM NOT RELEVANT TO HUMANS. IN FEMAL MICE, THERE WAS AN INCREASE INCIDENCE OF BEGIGN THYROID TUMORS, A TUMOR MECHANISM THAT MOST LIKELY IS NOT RELEVANT TO HUMAND. THIS SUBSTANCE IS NOT CLASSIIFIED FOR CARCINOGENICITY BY IARC, OSHA, NTP OR THE EPA.			

SECTION XII ECOLOGICAL INFORMATION

ECOTOXICITY	**ACUTE FISH TOXICITY**	LC50/96 HOURS	ONCORHYNCHUS MYKISS 240 mg/l	ACUTE TOSICITY TO FISH IS LOW
	ACUTE TOXICITY TO AQUATIC INVERTEBRATES	EC50/48 HOURS	DAPHNIA MAGNE 350 mg/l	LOW ACUTE TOXICITY TO AQUATIC INVERTEBRATES.
	TOXICITY TO AQUATIC PLANTS	EC/5096 HOURS	PSEUDOKIRCHNERIELLA SUBCAPITATA 60 mg/l	LOW TOXICITY TO ALGAE
	TOXICITY TO MICROORGANISMS	EC3/16 HOURS	PSEUDOMONAS PUTIDA 78 mg/l	LOW TOXICITY TO BACTERIA
		EC3/72 HOURS	ENTOSPIHON SULCATUM 970 mg/l	
	CHRONIC TOXICITY TO FISH	NO DATA AVAILABLE		

	CHRONIC TOXICITY TO AQUATIC INVERTEBRATES	NON DATA AVAILABLE
	OTHER ADVRSE EFFECTS	EXPECTED TO SHOW LOW TOXICITY TO HIGHER PLANTS
ENVIRONMENTAL FATE AND PATHWAYS	EXPECTED TO BE EMMITTED AND PARTITION PREDOMINANTLY TO THE ATMOSPHERE. ACCIDENTIAL RELEASES TO WATER OR SOIL ARE EXPECTED TO EVAPORATED AND UNDERGO ATMOSPHERIC DECOMPOSITION PROCESSES.	
	MOBILITY	BEHAVIOR IN ENVIRONMENTAL COMPARTMENTS; RELEASED MATERIAL WOULD BE EXPECTED TO SHOW HIGH SOIL MOBILITY AND TO VOLATILIZE READILY FORM SOIL NAD SURFACE WATERS, FORMING ATMOSPHERIC VAPOR.
	PERSISTENCE AND DEGRADABILITY	BIODEGRADATION: EXPECTED TO HYDROLYZE SLOWLY IN WATER (HALF-LIFE CA 0.5 YEARS OR LONGER). ATMOSPHERIC VAPORS EXPECTED TO BE PHOTOCHEMICALLY DEGRADED BY REACTION WITH HYDROXYL RADICALS (HALS LIKE 19.7 DAYS). INHERENTLY BIODEGRADABLE.
		BIOACCUMULATION: BIOCONCENTRATION FACTOR (BCF) 5.61 ((QSAR CALCULATED VALUE)) THIS MATERIAL IS NOT EXPECTED TO BIOACCUMULATE.
	OTHE ADVERSE EFFECTS	THIS MATERIAL IS NOT CONSIDERED PERSISTENT BY EPA, AND IS NOT EXPECED TO CONTRIBUTE TO THE GREENHOUSE GAS EFFECT, STRATOSPHERIC OZONE DEPLETION. TROPOSPHERIC OZONE FORMATION, OR PARTICULATE MATTER FORMATION.

SECTION XIII DISPOSAL CONSIDERATIONS

AQUATIC TOXICITY (E.G. 96 HR. TLM): DO NOT DISCHARGE THIS PRODUCT INTO PUBLIC WATERS OR WATERWAYS UNLESS AUTHORIZED BY A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA).

WASTE DISPOSAL METHOD: IF POSSIBLE, PUMP TO CONTROLLED CONTAINMENT AREA. ABSORB ON CLAY OR SAND. DISPOSE OF IN COMPLIANCE WITH EPA, FEDERAL, STATE, AND LOCAL REGULATIONS. TREATMENT TRANSPORTATION AND DISPOSAL MUST BE IN COMPLIANCE WITH EPA FEDERAL, STATE, AND LOCAL REGULATIONS UNDER THE RESOURCES CONSERVATION AND RECOVERY ACT (RCRA, 40 CFR 261). TYPICALLY CONTROLLED BURNING, INCINERATION OR APPROVED LAND FILL SITES ARE AVAILABLE.

SECTION XIV TRANSPORTATION INFORMATION

Governing Body	Mode	UN Number	Proper Shipping Name	Hazard Class	Packing Group	Quantity Limitation
DOT	GROUND	1866	RESIN SOLUTION	3,	**II**	ORMD – Max 30Kg gross wt (66lbs)
IATA	AIR	1866	RESIN SOLUTION	3,	**II**	Passenger Aircraft - 5L Cargo Aircraft - 60L
IMDG	OCEAN	1866	RESIN SOLUTION	3,	**II**	
MARINE POLLUTANT:	THIS PRODUCT DOES CONTAIN A MATERIAL. ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B) AROMATIC 100/150					

SECTION XV 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 540-88-5 (tertiary butyl acetate).

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 1-800-424-8802 or 202-426-2675.
THE REPORTABLE SPILL QUANTITY (RQ) OF THIS PRODUCT IS 5,000 POUNDS (BUTYL ACETAT),

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: FIRE HAZARD, IMMEDIATE (ACUTE) HEALTH HAZARD

ADDITIONAL REGULATORY CONCERNS: (FEDERAL, FDA, USDA, CPSC, STATE, OTHER)
FEDERAL / FDA / USDA:

MARINE POLLUTANTS: THIS PRODUCT DOES CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B). See Section XIV

CERCLA / RQ: **5000 POUNDS (TERTIARY BUTYL ACETATE)**
THIS PRODUCT CONTAINS A MATERIAL ON THE RQ TABLE (HMT 172.101 Appendix A): BUTYL ACETATE,

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

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 (NFPA 704)
IDENTIFICATION OF FIRE HAZARDS OF MATERIALS

KEY
4 -- SEVERE
3 -- SERIOUS
2 -- MODERATE
1 -- SLIGHT
0 -- MINIMAL

CERTI-VEX GUARD CLEAR MATTE & HG AIM	NPCA-HMIS	NFPA 704
HEALTH	**1**	**1**
FLAMMABILITY	**3**	**3**
REACTIVITY	**0**	**0**