

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





HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

SAFETY DATA SHEET
VEXCON NO. EFCC-200
STARSEAL EF CURE

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION: STARSEAL EF CURE	
VOC CONTENT:	<100 GRAMS.LITER OR <0.83 #/GAL
CATEGORY:	CONCRETE CURING COMPOUND
COMMON NAME:	HYDROCARBON POLYMER EMULSION
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:	DECEMBER 1998
UPDATED:	MARCH 2014
PREPARED BY:	DARRY F. MANUEL , PRESIDENT

SECTION II - HAZARD IDENTIFICATION

<p>DOT SHIPPING NAME: UN ID NUMBER / SHIPPING NAME / HAZARD CLASS / PKG GROUP IN CONTAINERS LESS THAN AND GREATER THAN 119 GALS: IN ALL MODES OF TRANSPORTATION (NON-REGULATED)</p>
<p>HEALTH AND SAFETY: THIS PRODUCT IS AN ORGANIC LIQUID AND WATER EMULSION. PER NFPA 30 THIS MIXTURE WITH A FLASH POINT GREATER THAN 200 F IS A CLASS III B COMBUSTIBLE LIQUID. ALL PRECAUTIONS PROVIDED ARE FOR THE ORGANIC LIQUID PORTION OF WHICH THIS PRODUCT MAY CONTAIN AS LITTLE AS 3%. USE WITH ADEQUATE VENTILATION. DO NOT INDUCE VOMITING IF SWALLOWED. USE OF SOLVENT RESISTANT GLOVES, GOGGLES AND OTHER PROTECTIVE CLOTHING IS ADVISED WHEN HANDLING THIS PRODUCT. KEEP FROM FREEZING.</p>

  

SECTION III HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENTS	CAS NO.	%	HAZARD DATA	UN#
HYDROCARBON POLYMER	68527-25-3	15-30%	OSHA PEL: ACGIH:10 mg/m3 DUST	N/A
TERT BUTYL ACETATE	540-88-5	1-5%	OSHA HAZARD: FLAMMABLE LIQUID OSHA PEL: 200 ppm ACGIH TLV: 200 ppm	1123
PERFORMANCE ADDITIVES	N/A	1-5%	N/A	NONE
WATER H2O	N/A	BAL.	N/A	NONE

SECTION IV FIRST AID MEASURES

**HEALTH HAZARD DATA HAZARD CLASSIFICATION
BASIS FOR CLASSIFICATION SOURCE**

ROUTES OF EXPOSURE:	
INHALATION:	INHALATION OF HIGH VAPOR CONCENTRATIONS MAY HAVE RESULTS RANGING FROM DIZZINESS AND HEADACHES TO UNCONSCIOUSNESS.
SKIN CONTACT:	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.
SKIN ABSORPTION:	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.
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 200 ppm TERTIARY BUTYL ACETATE 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 DEBAT 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 IS DIFFICULT, GIVE OXYGEN. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.
INGESTION:	DO NOT INDUCE VOMITING; SEEK PROMPT MEDICAL ATTENTION.

SECTION V FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	EXCLUDE AIR. FIRES INVOLVING THIS PRODUCT MAY BE CONTROLLED BY REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICALS OR WATER SPRAY.
GENERAL HAZARD:	COMBUSTIBLE LIQUID - CAN FORM COMBUSTIBLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASH POINT.. "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.
UNUSUAL FIRE AND EXPLOSION HAZARD:	PRODUCT WILL BURN IF TEMPERATURE EXCEEDS BOILING POINT. POLYMER FILMS ARE CAPABLE OF BURNING, GIVING OFF OXIDES OF CARBON.

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.
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SECTION VI ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ELIMINATE SOURCES OF IGNITION (FLARES, FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). 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. DIKE SPILL AREA WITH SAND OR EARTH TO CONTAIN SPILLED LIQUID AND PREVENT SPREADING. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR WITH ANOTHER SUITABLE ABSORBENT MATERIAL AND SHOVED INTO CONTAINERS. 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: 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.

FIRE FIGHTING: 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.

OTHER HANDLING AND STORAGE REQUIREMENTS: STORE AND USE 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, SOURCES OF IGNITION, 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) 98 C / 208 F (TBAC) NOT AN AZEOTROPE	MELTING/FREEZING POINT: -62 C / 79 F (TBAC)
VAPOR PRESSURE: 41.5 mmHg@68°F/25°C (TBAC)	VAPOR DENSITY (AIR=1): 4.0 (TBAC)
SOLUBILITY IN H2O % BY WT: SOLUBLE	% VOLATILES BY VOL: 65-85%
EVAPORATION RATE (BuAc=1): MEDIUM 2.8 (TBAC)	SPECIFIC GRAVITY (H2O=1) 1.01 TYPICAL
pH (AS IS): 9-10 TYPICAL	pH (1% SOLN): N/A
APPEARANCE AND ODOR: BRIGHT YELLOW COLORED LIQUID EMULSION OR PINK IF WITH DYE	
FLASH POINT: (TEST METHOD)	>93°C / 200°F (TCC)
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, 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 IRRITATION OF 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	NEGATIVE FOR GENOTOXICITY USING BOTH IN VITRO AND IN VIVO TEST.
CARCINOGENICITY	SPECIFIC DATA NOT AVAILABLE. T-BUTANOL, THE PRIMARY METABOLITE OF T-BUTYL ACETATE IS AN ANAMAL CARCINOGEN. IN DRINKING WATER STUDY, T-BUTANOL INDUCED BEGINN 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 BEIGN THYROID TUMORS, A TUMOR MECHANISM THAT MOST LIKELY IS NOT RELEVANT TO HUMAND. THIS SUBSTANCE IS NOT CLASSIFIED FOR CARCINOGENICITY BY IARC, OSHA, NTP OR THE EPA.

SECTION XII ECOLOGICAL INFORMATION

ECOTOXICITY	ACUTE FISH TOXICITY	LC50/96 HRS. ONCOHYN CHUS MUKISS	240 mg/l	ACUTE TOXICITY TO FISH IS LOW
	ACUTE TOXICITY TO AQUATIC INVERTEBRATES	EC50/48HOURS DAPHNIA MAGNA	350 mg/l	LOW ACUTE TOXICITY TO AQUATIC INVERTEBRATES
	TOXICITY TO AQUATIC PLANTS	EC50/96 HOURS PSEUDOKI RCHNERIE LLA SUBCAPITA TA	64 mg/l	LOW TOXICITY TO ALGAE
	TOXICITY TO MICROORGANISMS	EC3/16 HOURS PSEUDOM ONAS PUTIDA	78 mg/l	LOW TOXICITY TO BACTERIA
		EC3/72 HOURS ENTOSIPH ON	970 mg/l	
	CHRONIC TOXICITY TO FISH			NO DATA AVAILAVLE
	CHRONIC TOXICITY TO AQUATIC INVERTEBRATES			NO DATA AVAILABLE
	OTHER ADVERSE EFFECTS			EXPECTED TO SHOW LOW TOXICITY TO HIGHER PLANTS.

ENVIRONMENTAL FATE AND PATHWAYS	EXPECTED TO BE EMITTED AND PARTITION PREDOMINANTLY TO THE ATMOSPHERE. ACCIDENTAL RELEASE TO WATER OR SOIL ARE EXPECTED TO EVAPORATE AND UNDERGO ATMOSPHERIC DECOMPOSITION PROCESSES.			
	MOBILITY	BEHAVIOR IN ENVIRONMENTAL COMPARTMENTS: RELEASED MATERIAL WOULD BE EXPECTED O SHOW HIGH SOIL MOBILITY AND TO VOLATILIZE READILY FROM SOILAND SURFACE WATERS, FORMING ATMOSPHERIS CAPOR.		
	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 HYDROCYL RADICALS (HALF LIFE 19.7 DAYS). INHERENTLY BIODEGRADABLE. BIOACCUMULATION: BIOCONCENTRATION FACTOR (BCF) 5.61 ((QSAR CALCULATED VALUE) THIS MATERIAL IS NOT EXPECTED TO BIOACCUMULATE.		
	OTHER ADVERSE EFFECTS	THIS MATERIAL IS NOT CONSIDERED PERSISTENT BY EPA AND IS NOT EXPECTED TO CONTRIBUTE TO THE GREENHOUSE GASS EFFECT, STRATOSPHERIC OZONE DEPLETION, TROPOSPHERIC OZONE FORMATION OR PARTICULATE MATTER FORMATION.		
ECOTOXICITY	THIS MATERIAL IS EXPECTED TO BE NON-HAZARDOUS TO AQUATIC SPECIES.			
	ACUTE FIS TOXICITY	96HRS. PIMEPHALES PROMELAS (FEATHERS NIMMOW)	>96 1 mg/l	THIS MATERIAL IS NOT HARMFUL OR TOXIC TO FISH.
	ACUTE TOXICITY TO AQUATIC INVERTEBRATE S	48 HRS. DAPHNIA MAGNA (WATER FLEA)	933 mg/l	LOW ACUTE TOXICITY TO AQUATIC INVERBERATES.
	TOXICITY TO AQUAIC PLANTS	PSEUDOKIR CHNERIELLA SUBCAPITAT A	976 mg/l	ACUTE TOXICITY TO AQUATIC PLANTS VERY LOW.
	TOXICITY TO MICROORGANIS MS	PSEUDOMO NAS PUTIDA	10,000 mg/l	
	CHRONIC TOXICITY TO FISH	CLARIAS GARIEPINUS	332 mg/l	
	CHRONIC TOXICITY TO AQUATIC INVERTEBRAT ES			STUDY SCIENTIFICALLY UNJUSTIFIED
	OTHER ADVERS EFFECTS	RAPHANUS SATIVUS, 50% REDUCTION IN SEEDLING LENGTH, 160 ppm		
ENVIRONMENTAL FATE AND PATHWASY	MOBILITY	BEHAVIOR IN ENVIRONMENT COMPARTMENTS: HIGHLY MOBILE IN SOIL ANDLIKELY TO VOLATILIZE FROM MOIST OR DR SOIL SURFACES. EXPECTED TO VOLATILIZE FROM SURFACE WATER AND NOT LIKEL TO ADSORB TO SUSPENDED SOLIDS AND SEDIMENT IN WATER.		
	PRESISTENCE AND DEGRADABILITY	BIODEGRADATION: PREDICTED TO BE INHERENTLY BIODEGRADABLE. DEGRADED N THE ATMOSPHERE BY REACTION WITH PHOTOCHEMICALLY PRODUCED HYDROXYL RADICALS WITH AN ESTIMATED HALF LIFE OF 75.9 HOURS.		
	BIOACCUMULAT ION	BIOACCUMULATION IN UNLIKELY.		

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
DOT	GROUND	NON-REGULATED	NON REGULATED D	NON REGULATED D	NA
IATA	AIR	NON REGULATED	NON REGULATED D	NON REGULATED D	NA
IMDG	OCEAN	NON REGULATED	NON REGULATED D	NON REGULATED D	NA
MARINE POLLUTANT:	THIS PRODUCT DOES CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B) (TERTIARY BUTYL ACETATE)				

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 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 1-800-424-8802 or 202-426-2675. THE REPORTABLE SPILL QUANTITY (RQ) OF THIS PRODUCT IS 5,000 POUNDS (BUTYL ACETATE).
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
MARINE POLLUTANTS: NO. THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B).
ADDITIONAL REGULATORY CONCERNS: (FEDERAL, FDA, USDA, CPSC, STATE, OTHER)
FEDERAL:
FDA:
USDA:
CERCLA / RQ: 5000 POUNDS (BUTYL ACETATE) THIS PRODUCT CONTAINS A MATERIAL ON THE RQ TABLE (HMT 172.101 Appendix A): BUTYL ACETATE (TERTIARY)
TSCA: IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? YES

SECTION XVI OTHER INFORMATION

PREPARED BY	DARRYL MANUEL / PRESIDENT
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THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. VEXCON PROVIDES NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN.	

HMIS HAZARD RATINGS:			KEY 4 -- SEVERE
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			
STARSEAL EF CURE	NPCA-HMIS	NFPA 704	3 -- SERIOUS
HEALTH	1	1	2 -- MODERATE
FLAMMABILITY	1	1	1 -- SLIGHT
REACTIVITY	0	0	0 -- MINIMAL