

HAZARD RATING

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

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

MATERIAL SAFETY DATA SHEET
VEXCON NO. CS 310

GENERAL INFORMATION

PRODUCT IDENTIFICATION: VEXCON STARSEAL® COLOR TINT
VOC CONTENT: 332 GRAMS/LITER OR 2.8 #/GAL. **CATEGORY:** STAIN
COMMON NAME: UNIVERSAL COLOR TINT BOTTLES
DOT SHIPPING NAME:
 IN CONTAINERS LESS THAN 119 GALS:
 VEXCON STARSEAL® COLOR TINT (NON-REGULATED)
HEALTH AND SAFETY: COMBUSTIBLE LIQUID: USE ONLY WITH
 ADEQUATE VENTILATION: DO NOT INDUCE VOMITING IF SWALLOWED:
 KEEP FROM FREEZING: USE OF SOLVENT RESISTANT GLOVES, GOGGLES AND
 OTHER PROTECTIVE CLOTHING IS ADVISED WHEN HANDLING THIS PRODUCT.

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: MAY 2009
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PREPARED BY: DARRYL F. MANUEL/PRESIDENT

SECTION II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENTS	CAS. NO.	%	HAZARD DATA	UN#
PIGMENTS: 1. VARIOUS INORGANIC PIGMENTS		15-40%	RESPIRABLE DUST 5mg/M3 TLV TOTAL DUST 10 mg/M3 TLV OSHA PEL: ACHIG 10mg/M3 FOR DUST (total dust)	
2. CALCIUM CARBONATE AND FILLERS	1317-65-3	20-30%	SAME AS ABOVE	
EMULSIFIERS/ADDITIVES		3%	ND	
DI ACETONE ALCOHOL	123-42-2	15-25%	50 PPM TLV / 240 mg/M3 TWA	

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 337° F **MELTING POINT:** N/A
VAPOR PRESSURE: 2.00 mm Hg **SPECIFIC GRAVITY (H2O=1):** 1.44-1.92
VAPOR DENSITY (AIR=1): HEAVIER THAN AIR
SOLUBILITY IN H2O BY WT: 100% **% VOLATILES BY VOL:** 39%
EVAPORATION RATE (Butyl Acetate = 1): LESS THAN 1
PH (1% SOLN): ND
APPEARANCE AND ODOR: VARIOUS EARTH TONE COLORS

SECTION IV FIRE AND EXPLOSION HAZARD

FLASH POINT: (TEST METHOD) 138° F TCC
AUTOIGNITION TEMP: N.D.
FLAMMABLE LIMITS IN AIR, % BY VOL: **LOWER:** N.D. **UPPER:** N.D.
EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, FOAM, FOG
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARD: HANDLE AS A
 COMBUSTIBLE LIQUID. NO UNUSUAL HAZARDS.

SECTION V REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: THIS PRODUCT IS STABLE
INCOMPATIBILITY: THIS PRODUCT IS INCOMPATIBLE WITH STRONG ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL
 DECOMPOSITION IN THE PRESENCE OF AIR YIELDS CARBON
 MONOXIDE AND/OR CARBON DIOXIDE.
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: N/A

SECTION VI HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE
ROUTES OF EXPOSURE:
INHALATION: BREATHING VAPOR IS IRRITATING TO EYES, NOSE, AND THROAT.
SKIN CONTACT: CONTACT WITH EYES AND SKIN CAN CAUSE DRYNESS AND IRRITATION.
SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT CAN RESULT IN MODERATE IRRITATION
EYE CONTACT: THIS PRODUCT CAN CAUSE SEVERE IRRITATION.
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.
EFFECTS OF OVEREXPOSURE: ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS. LIQUIDS MODERATELY IRRITATING ON SKIN AND EYES.
ACUTE OVEREXPOSURE: PROLONGED CONTACT ON THE SKIN WILL CLAY AND DEFAT THE SKIN POSSIBLY CAUSING DERMATITIS.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER. CONSULT WITH A PHYSICIAN.

SKIN: IMMEDIATELY WASH SKIN WITH SOAP AND PLENTY OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR.

INGESTION: IF PATIENT IS CONSCIOUS AND CAN SWALLOW, GIVE TWO GLASSES (16 OZ) OF WATER, INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

WASTE DISPOSAL METHOD: TREATMENT TRANSPORTATION AND DISPOSAL MUST BE IN COMPLIANCE WITH EPA OR STATE REGULATIONS UNDER THE RESOURCES CONSERVATION AND RECOVERY ACT. TYPICALLY CONTROLLED BURNING, INCINERATION OR APPROVED LAND FILL SITES ARE AVAILABLE. AT VERY LOW CONCENTRATIONS IN WATER, THIS PRODUCT IS BIODEGRADABLE IN A BIOLOGICAL WASTE WATER TREATMENT PLANT.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). VENTILATE. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN UP IS COMPLETE. STOP SPILL AT SOURCE. DIKE SPILL AREA TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

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): CHEMICAL HALF MASK ORGANIC VAPOR CARTRIDGE: FULL FACE ORGANIC VAPOR CARTRIDGE IF EYE PROTECTION IS NEEDED.

EYE: CHEMICAL GOGGLES AND/OR FACE SHIELD ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY.

GLOVES: IMPERVIOUS GLOVES, (CHEMICAL RESISTANT) SUCH AS NEOPRENE, LATEX OR PVA.

OTHER CLOTHING AND EQUIPMENT: TO PREVENT BODY CONTACT, IMPERVIOUS CLOTHING AND BOOTS ARE RECOMMENDED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

SECTION IX SPECIAL PRECAUTIONS

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/DRIED BEFORE RE-USE. 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. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS. STORE IN ACCORDANCE WITH FEDERAL REGULATIONS. DO NOT STORE OR CONSUME FOOD, DRINK, OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, SPARKS, AND ETC. USE WITH EXPLOSION PROOF EQUIPMENT IS HIGHLY ADVISABLE.

HMIS HAZARD RATINGS:

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

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

FEDERAL:

FDA:

USDA:

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

PREPARED BY:

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