

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

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>

**MATERIAL SAFETY DATA SHEET**  
**VEXCON NO. VW106**

**GENERAL INFORMATION**

**PRODUCT IDENTIFICATION:** CERTI-VEX® ENVIO® MASONRY PAINT  
**VOC CONTENT:** <400 GRAMS/LITER OR <3.33#/GAL  
**CATEGORY:** WATERPROOFING COCRETE/MASONRY SEALERS  
**COMMON NAME:** ACRYLIC COATING IN MINERAL SPIRITS (STODDARD SOLVENT)  
**DOT SHIPPING NAME:** IN CONTAINERS LESS THAN 119 GALS.: CERTI-VEX ENVIO® MASONRY PAINT (NON-REGULATED)  
**FOR LIMITED QUANTITY AIR & OCEAN SHIPMENT:** RQ (STODDARD SOLVENT) RESIN SOLUTION, FLAMMABLE, 3, UN1866, III  
**HEALTH AND SAFETY:** THIS IS A SOLVENT BASED PRODUCT: USE ONLY WITH ADEQUATE VENTILATION; IF SWALLOWED, DO NOT INDUCE VOMITING; USE OF SOLVENT RESISTANT GLOVES, GOGGLES AND OTHER PROTECTIVE CLOTHING IS ADVISED WHEN HANDLING THIS PRODUCT.

**SECTION I**

**MANUFACTURER:** VEXCON CHEMICALS, INC.  
**ADDRESS:** 7240 STATE RD., PHILA., PA 19135 USA  
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**PREPARED:** NOVEMBER 1996  
**UPDATED:** NOVEMBER 2010  
**PREPARED BY:** DARRYL F. MANUEL, PRESIDENT

**SECTION II HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENTS	CAS NO.	%	HAZARD DATA	UN#
VINYL TOLUENE STYRENE ACRYLATE POLYMER	25085-34-1	17%	N/A	
STODDARD SOLVENT	8052-41-3	20%	OSHA PEL 500 PPM (TWA) ACGIH TLV 100 PPM (TWA)	1255
PIGMENTS				
1. TITANIUM DIOXIDE	13463-67-7	> 1%	OSHA PEL 15 mg/m3 (TWA) ACGIH TLV 10 mg/m3 (TWA)	
2. CALCIUM CARBONATE	1317-65-3	> 1%	OSHA TWA 5.0 mg/m3 RESP. OSHA TWA 15.0 mg/m3 TOTAL	
INERT FILLERS		BAL	N/A	

THIS PRODUCT DOES NOT CONTAIN ANY SECTION 313 REPORTABLE INGREDIENTS

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** (760mmHg) 310-495°F / 154-257°C  
**EVAPORATION RATE (BuOH=1):** 0.3  
**pH (AS IS):** 8.5-9.5  
**SOLUBILITY IN H2O % BY WT:** SOLUBLE  
**VAPOR PRESSURE:** 200 mmHg@68°F  
**APPEARANCE AND ODOR:** VERY THICK PAINT, VARIOUS COLORS, SLIGHTLY SWEET PETROLEUM ODOR

**MELTING POINT:** N/A  
**SPECIFIC GRAVITY (H2O=1):** 1.30  
**pH (1% SOLN):** N/A  
**% VOLATILES BY VOL:** 35%  
**VAPOR DENSITY (AIR=1):** APPROX. 5

**SECTION IV FIRE AND EXPLOSION DATA**

**FLASH POINT: (TEST METHOD)** 106°F / 41°C (TCC)  
**AUTOIGNITION TEMP:** 473°F / 245°C  
**FLAMMABLE LIMITS IN AIR, % BY VOL:** **LOWER:** 0.7 **UPPER:** 6.0  
**BOILING POINT:** 215°F / 101°C  
**EXTINGUISHING MEDIA:** EXCLUDE AIR - USE FOAM CO2, STEAM, WATER, FOG, DRY CHEMICALS. THE USE OF SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIRE FIGHTERS. SEE ALSO SECTION IX.  
**SPECIAL FIRE FIGHTING PROCEDURES:** NO UNUSUAL HAZARDS. KEEP WORK AREAS FREE OF HOT METAL AND OTHER SOURCES OF IGNITION.  
**UNUSUAL FIRE AND EXPLOSION HAZARD:**

**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. THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE AND UNIDENTIFIED ORGANICS.  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
**CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:** N/A  
WILL NOT OCCUR  
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.

**GENERAL HAZARD:**

**ELECTROSTATIC ACCUMULATION HAZARD:**

**USE PROPER GROUNDING**

## SECTION VI HEALTH HAZARD INFORMATION

### HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE

#### ROUTES OF EXPOSURE:

**INHALATION:** THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES, DIZZINESS, AND LIGHT-HEADEDNESS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. MINERAL SPIRITS COMPONENTS. PROLONGED OR REPEATED CONTACT CAN RESULT IN MODERATE IRRITATION.

**SKIN CONTACT:** PROLONGED OR REPEATED CONTACT CAN RESULT IN MODERATE IRRITATION.

**SKIN ABSORPTION:** THIS PRODUCT MAY BE AN EYE IRRITANT. MINERAL SPIRITS COMPONENT.

**EYE CONTACT:** CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.

**INGESTION:** TLV - 100 PPM

**EFFECTS OF OVEREXPOSURE:** ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS: MODERATE IRRITATION BY LIQUID TO SKIN AND EYES.

**ACUTE OVEREXPOSURE:**

#### EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CONSULT WITH A PHYSICIAN. IMMEDIATELY WASH SKIN WITH SOAP AND PLENTY OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

**SKIN:** MOVE TO LOCATION FREE FROM VAPORS. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.

**INHALATION:** DO NOT INDUCE VOMITING; SEEK PROMPT MEDICAL ATTENTION.

**INGESTION:**

## SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

#### AQUATIC TOXICITY (E.G. 96 HR. TLM):

**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). TYPICALLY CONTROLLED BURNING, INCINERATION OR APPROVED LAND FILL SITES ARE AVAILABLE.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** IF POSSIBLE PUMP TO CONTROLLED CONTAINMENT AREA. ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). 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 CARTRIDGE RESPIRATOR: 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 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. 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 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.

#### 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

VEXCON CERTI-VEX ENVIO MASONRY PAINT	NPCA-HMIS	NFPA 704	KEY
HEALTH	1	1	4=SEVERE
FLAMMABILITY	1	1	3=SERIOUS
REACTIVITY	0	0	2=MODERATE
			1=SLIGHT
			0=MINIMAL

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

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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