CERTI-VEX PENSEAL 244 O/W

SAFETY DATA SHEET
VEXCON NO. PS120

HAZARD RATINGS
4=EXTREME
3=HIGH
2=MEDIUM
1=SLIGHT
0=INSIGNIFICANT

<table>
<thead>
<tr>
<th>HEALTH</th>
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<tr>
<td>FLAMMABILITY</td>
<td>2</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>1</td>
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</table>

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
CERTI-VEX PENSEAL 244 O/W

VOC CONTENT: <550 GR/L OR <4.59 #/GAL

CATEGORY: WATERPROOFING CONCRETE/MASONRY SEALER

COMMON NAME: SILANE SILOXANE WATER PROOFER

MANUFACTURER: VEXCON CHEMICALS, INC

ADDRESS: 7240 STATE RD, PHILADELPHIA, PA 19135

EMERGENCY NO: 800.858.2628 (PolySat Inc)

TELEPHONE NO: 215.332.7709 (Vexcon)

CHEMTREC NO: 800.424.9300 (CCN# 23822)

PREPARED: AUGUST 1997

UPDATED: MARCH 2020

PREPARED BY: DARRY F. MANUEL, PRESIDENT

SECTION II - HAZARD IDENTIFICATION

CLASSIFICATION OF MIXTURE:
FLAMMABLE LIQUIDS – CATEGORY 3
ASPIRATION HAZARD – CATEGORY 1
EYE IRRITATION – CATEGORY 2B
SKIN IRRITATION – CATEGORY 2
SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE (NARCOTIC EFFECTS) – CATEGORY 2
STATIC ACCUMULATING LIQUID

SINGLE WORD - DANGER
HAZARD STATEMENT: FLAMMABLE LIQUID AND VAPOR MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES EYE IRRITATION. CAUSES SKIN IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.

PRECAUTIONARY STATEMENT FAMMABLE 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 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

<table>
<thead>
<tr>
<th>MATERIAL OR COMPONENTS</th>
<th>CAS NO.</th>
<th>%</th>
<th>HAZARD DATA</th>
<th>UN#</th>
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<tbody>
<tr>
<td>SILANE</td>
<td>2943-75-1</td>
<td>35-45%</td>
<td>N/D</td>
<td>N/A</td>
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<tr>
<td>POLYMER</td>
<td>68554-69-5</td>
<td>1-5%</td>
<td>N/E</td>
<td>N/A</td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>1-5%</td>
<td>ACGIH TLV 150ppm (TWA)</td>
<td>1123</td>
</tr>
<tr>
<td>STODDARD SOLVENT</td>
<td>8052-41-3</td>
<td>50-60%</td>
<td>ACGIH TLV 100 ppm, 529 mg/m³ (TWA)</td>
<td>1268</td>
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THE SOLVENT PORTION CONTAINS THE FOLLOWING SECTION §313 REPORTABLE INGREDIENTS:
1,2,4-TRIMETHYL BENZENE 95-63-6 10% OSHA PEL: NE ACGIH TLV: 25ppm (TWA) 232 5

SECTION IV FIRST AID MEASURES

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.
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, DRY CHEMICALS OR WATER SPRAY. 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, 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
UNUSUAL FIRE AND EXPLOSION HAZARD:

FLAMMABLE VAPORS MAY ACCUMULATE IN THE CONTAINER HEADSPACE ON FORMATION OF HYDROLYSIS BY-PRODUCTS. IF STORAGE CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT, OVER PRESSURIZATION OF THE CONTAINERS CAN RESULT. 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 X STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY:

THIS PRODUCT IS STABLE.

INCOMPATIBILITY:

THIS PRODUCT IS INCOMPATIBLE WITH 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

ROUT OF TOXICITY

CONCLUSION/REMARKS

INHALATION

TOXICITY

MINIMALLY TOXIC. BASED ON TEST DATA FOR STRUCUTRALY SIMILAR MATERIALS.

IRRITATION

NEGLIGIBLE HAZARD AT AMBIENT/NORMAL HANDLING TEMPERATURES.

INGESTION

TOXICITY: LD50 >5800 mg/kg

MINIMALLY TOXIC. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.

TOXICITY: LD50 >3160 mg/kg

MINIMALLY TOXIC. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.

SKIN

IRRITATION

MAY DRY THE SKIN LEADING TO DESCOMFORT AND DERMATITIS. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS

EYE

IRRITATION

MAY CAUSE MILD, SHORT - LASTING DISCOMFORT TO EYES. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS

CHRONIC/OTHER EFFECTS

FOR THE PRODUCT ITSELF

VAPOR/ESOSOL CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LEVELS ARE IRRITATING TO THE EYES AND RESPIRATORY TRACT, MAY
CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DEATH. PROLONGED AND/OR REPEATED SKIN MAY DEFAT THE SKIN RESULTING IN POSSIBLE IRRITATION AND DERMATITIS. SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE LUNGS DURNING INGESTION OR FROM VOMITING MAY CAUSE CHEMICAL PNEUMONITIS OR PULMONARY EDEMA.

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 EPA FEDERAL, STATE, AND LOCAL REGULATIONS UNDER THE RESOURCES CONSERVATION AND RECOVERY ACT (RCRA, 40 CFR 261). TYPICALLY EPA FEDERAL, STATE, AND LOCAL REGULATIONS Must be in compliance with EPA, FEDERAL, STATE, AND LOCAL REGULATIONS. CONTAINMENT AREA. ABSORB ON CLAY OR SAND. DISPOSE OF IN

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**SECTION XII ECOLOGICAL INFORMATION**

THE INFORMATION GIVEN IS BASED ON DATA AVAILABLE FOR THE MATERIAL, THE COMPONENTS OF THE MATERIALS AND SIMILAR MATERIALS.

**ECOTOXICITY**

- MATERIAL EXPECTED TO BE TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

**MOBILITY**

- MATERIAL HIGHLY VOLATILE, WILL PARTITION RAPIDLY TO AIR. NOT EXPECTED TO PARTITION TO SEDIMENT AND WASTEWATER SOLIDS.

**PERSISTENCE AND DEGRADABILITY**

- BIODEGRADATION: MATERIAL EXPECTED TO BE INHERENTLY BIODEGRADABLE.
- HYDROLYSIS: MATERIAL TRANSFORMATION DUE TO HYDROLYSIS NOT EXPECTED TO BE SIGNIFICANT.
- PHOTOLYSIS: MATERIAL TRANSFORMATION DUE TO PHOTOLYSIS NOT EXPECTED TO BE SIGNIFICANT.
- ATMOSPHERIC OXIDATION: MATERIAL EXPECTED TO DEGRADE RAPIDLY IN AIR.

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**SECTION XIII DISPOSAL CONSIDERATIONS**

**THE COMPONENTS OF THE MATERIALS AND SIMILAR MATERIALS.**

**ECOTOXICITY**

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 EPA FEDERAL, STATE, AND LOCAL REGULATIONS 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, Marinal Pollution, and Toxicity. Products are subject to regulatory controls under the Resource Conservation and Recovery Act (RCRA, 40 CFR 261).

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**SECTION XIV TRANSPORTATION INFORMATION**

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<thead>
<tr>
<th>Governing Body</th>
<th>Mode</th>
<th>UN Number</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
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<tbody>
<tr>
<td>DOT</td>
<td>GROUND (NON BULK)</td>
<td>NON-REGULATED</td>
<td>NON REGULATED</td>
<td>NON REGULATED</td>
<td>NA</td>
</tr>
<tr>
<td>IATA</td>
<td>AIR</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>III</td>
</tr>
<tr>
<td>IMDG</td>
<td>OCEAN</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>III</td>
</tr>
<tr>
<td>MARINE POLLUTANT</td>
<td></td>
<td></td>
<td>THIS PRODUCT DOES CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B) STODDARD SOLVENT</td>
<td></td>
<td></td>
</tr>
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</table>

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**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 80-24-2 (STODDARD SOLVENT). 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. NO REPORTABLE SPILL QUANTITY (RQ) HAS BEEN ESTABLISHED FOR THIS PRODUCT (STODDARD SOLVENT).

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

**ECOLOGICAL INFORMATION**

**ECOTOXICITY**

- MATERIAL EXPECTED TO BE TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

**MOBILITY**

- MATERIAL HIGHLY VOLATILE, WILL PARTITION RAPIDLY TO AIR. NOT EXPECTED TO PARTITION TO SEDIMENT AND WASTEWATER SOLIDS.

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**SECTION XV OTHER INFORMATION**

**PREPARED BY:** DARRYL MANUEL / PRESIDENT
**COMPANY:** VEXCON CHEMICALS, INC.
**ADDRESS:** 7240 STATE RD., PHILA., PA 19135 USA

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.

**HMS HAZARD RATINGS:**

**CERTI-LEX PENSEAL 244 O/W**

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<tr>
<th>Hazard</th>
<th>NFPA-704</th>
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<td>4=SEVERE</td>
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<tr>
<td>FLAMMABILITY</td>
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<td>2</td>
<td>3=SERIOUS</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>1</td>
<td>1</td>
<td>2=MODERATE</td>
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0=MINIMAL