SAFETY DATA SHEET
VEXCON NO. PS101
POWERSEAL 20

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERSEAL 20
VOC CONTENT: <100 GRAMS/LITER OR <0.83#/GAL
CATEGORY: WATERPROOFING CONCRETE/MASONRY SEALER
COMMON NAME: ALKOXYTIRIETHOXY SILANE WATER REPELLENT
MANUFACTURER: VEXCON CHEMICALS, INC
ADDRESS: 7240 STATE RD, PHILADELPHIA, PA 19135
EMERGENCY NO: 800.858.2828 (PolySat Inc)
PHONE NO: 215.332.7709 (Vexcon)
CHEMTREC NO: 800.424.9300 (CCN# 23822)
PREPARED: FEBRUARY 1996
UPDATED: MARCH 2017
PREPARED BY: DARRYL F. MANUEL, PRESIDENT

SECTION II – HAZARD IDENTIFICATION

CLASSIFICATION OF MIXTURE
ASPIRATION – CATEGORY 1
SKIN IRRITATION – CATEGORY 2
SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE (NARCOTIC EFFECTS) – CATEGORY 3

SINGLE WORD: WARNING

HAZARD STATEMENT: UNDER NORMAL CONDITIONS OF USE, THIS PRODUCT IS NOT CONSIDERED HAZARDOUS ACCORDING TO REGULATORY GUIDELINES.

PRECAUTIONARY STATEMENT: UNDER NORMAL CONDITIONS OF INTENDED USE, THIS PRODUCT DOES NOT POSE A RISK TO HEALTH. EXCESSIVE EXPOSURE MAY RESULT IN EYE, SKIN OR RESPIRATOR IRRITATION. 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. USE OF SOLVENT RESISTANT GLOVES, GOGGLES AND OTHER PROTECTIVE CLOTHING IS ADVISED WHEN HANDLING THIS PRODUCT. KEEP FROM FREEZING.

SECTION IV - FIRST AID MEASURES

HEALTH HAZARD DATA HAZARD CLASSIFICATION
BASIS FOR CLASSIFICATION SOURCE

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

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

ROUTES OF EXPOSURE:

INHALATION: THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES, DIZZINESS, LIGHTHEADEDNESS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. STODDARD SOLVENT COMPONENT
SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. STODDARD SOLVENT COMPONENT
SKIN ABSORPTION: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. STODDARD SOLVENT COMPONENT
EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT. STODDARD SOLVENT 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 OF 50 ppm STODDARD SOLVENT COMPONENT. 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 IS DIFFICULT, GIVE OXYGEN. 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, CONSTRUCTED 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 II HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL OR COMPONENTS</th>
<th>CAS NO.</th>
<th>%</th>
<th>HAZARD DATA</th>
<th>UN#</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCTYLTRIETHOXY SILANE</td>
<td>2943-75-1</td>
<td>15-25%</td>
<td>NONE</td>
<td>N/A</td>
</tr>
<tr>
<td>STOODARD SOLVENT</td>
<td>8052-41-3</td>
<td>1-3%</td>
<td>ACGIH TLV: 100 ppm, 525 mg/m³ (TWA) OSHA PEL: 500 ppm, 2900 mg/m³ (TWA) NIOSH REL.: 350 mg/m³ (TWA)</td>
<td>1268</td>
</tr>
<tr>
<td>UNIDENTIFIED SILOXANE IMPURITIES</td>
<td>NONE</td>
<td>TRACE</td>
<td>NOT ESTABLISHED</td>
<td>N/A</td>
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</tbody>
</table>

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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; IMPOSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS, IMPLEMENT CLEAN UP PROCEDURES. FOR LARGE SPILLS, 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: 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 EMTPTED SINCE EMTPTED 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 IMPERVIOUS GLOVES IS ADVISED TO PREVENT SKIN IRRITATION IN SENSITIVE AREAS. 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 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

<table>
<thead>
<tr>
<th>ROUTE OF TOXICITY</th>
<th>CONCLUSION/REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INHALATION</strong></td>
<td>TOXICITY: MINIMALLY TOXIC. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.</td>
</tr>
<tr>
<td></td>
<td>IRRITATION: NEGLIGIBLE HAZARD AT AMBIENT/NORMAL HANDLING TEMPERATURES.</td>
</tr>
<tr>
<td><strong>INGESTION</strong></td>
<td>TOXICITY: LD50 &gt;5000 mg/kg, MINIMALLY TOXIC. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.</td>
</tr>
<tr>
<td></td>
<td>TOXICITY: LD50 &gt;3160 mg/kg, MINIMALLY TOXIC. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.</td>
</tr>
<tr>
<td><strong>SKIN</strong></td>
<td>IRRITATION: MAY DRY THE SKIN LEADING TO DESCOMFORT AND DERMATITIS. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.</td>
</tr>
<tr>
<td><strong>EYE</strong></td>
<td>IRRITATION: MAY CAUSE MILD, SHORT-LASTING DISCOMFORT TO EYES. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.</td>
</tr>
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CHRONIC/OTHER EFFECTS

FOR THE PRODUCT ITSELF

NAPHTHALENE: EXPOSURE TO HIGH CONCENTRATIONS OF NAPHTHALENE MAY CAUSE DESTRUCTION OF RED BLOOD CELLS, ANEMIS AND CATARACTS. NAPHTHALENE CAUSED CANCER IN LABORATORY ANIMALS STUDIES; BUT THE RELEVANCE OF THESE FINDINGS TO HUMANS IS UNCERTAIN.

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

SECTION XII ECOLOGICAL INFORMATION

ECOTOXICITY

MATERIAL EXPECTED TO BE TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT, (WHITE SPIRITS, LOW (15-20%) AROMATIC, 49CFR 172.101, APPENDIX B)

MOBILITY

MATERIAL HIGHLY VOLATILE, WILL PARTITION RAPIDLY TO AIR, NOT EXPECTED TO PARTITION TOSEDMENT 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 DEGRAD rapidly IN AIR.

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. 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

<table>
<thead>
<tr>
<th>Governing Body</th>
<th>Mode</th>
<th>UN Number</th>
<th>Proper Shipping Name</th>
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<tbody>
<tr>
<td>DOT</td>
<td>GROUND</td>
<td>NON-REGULATED</td>
<td>NON REGULATED</td>
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<td>IATA</td>
<td>AIR</td>
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<td>IMDG</td>
<td>OCEAN</td>
<td>NON REGULATED</td>
<td>NON REGULATED</td>
<td>NON REGULATED</td>
<td>NA</td>
</tr>
<tr>
<td>MARINE POLLUTANT</td>
<td></td>
<td>THIS PRODUCT DOES NOT CONTAIN A MATERIAL, ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B)</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
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

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.

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: ACUTE, CHRONIC, FIRE

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

FEDERAL / FDA / USDA:

MARINE POLLUTANTS:  THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B), SEE SECTION XIV

CALIFORNIA PROP 65:  WARNING:  This product does not contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.  (Epichlorohydrin, Ethylbenzene, Crystalline Silica particles of respirable size)

CERCLA / RQ:  NONE ESTABLISHED. THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE RQ TABLE (HMT 172.101 Appendix A);

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
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.

HMIS HAZARD RATINGS:

POWERSEAL 20

HEALTH 1 1

FLAMMABILITY 1 1

REACTIVITY 0 0

KEY

4 – SEVERE

3 – SERIOUS

2 – MODERATE

1 – SLIGHT

0 – MINIMAL

NPCA- HMIS
NFPA 704

NATIONAL PAINT AND COATINGS ASSOCIATIONS (NPCA)
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704)
IDENTIFICATION OF FIRE HAZARDS OF MATERIALS