### SECTION I - GENERAL INFORMATION

**PRODUCT IDENTIFICATION:**
POERTCOAT PRIMER WB CLEAR & PIGMENTED

**VOC CONTENT:** <300 GRAMS/LITER OR <2.50 #/GAL

**CATEGORY:** WATERPROOFING CONCRETE/MASONRY SEALER

**COMMON NAME:** VINYLTOLENE ACRYLATE 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:** JANUARY 2001

**UPDATED:** JULY 2017

**PREPARED BY:** DARRY F. MANUEL, PRESIDENT

### SECTION II – HAZARD IDENTIFICATION

**CLASSIFICATION OF MIXTURE**

- EYE IRRITATION – 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 ASH MONO COMPONENT PORTION OF WHICH THIS PRODUCT MAY CONTAIN AS LITTLE AS 15%. 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.

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>VINYLTOLUENE ACRYLATE POLYMER</td>
<td>25085-34-1</td>
<td>25-35%</td>
<td>ND</td>
<td>1993 (FLAMMABLE LIQUIDS, N.O.S.)</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (Petroleum), LIGHT AROMATIC (AROMATIC 100)</td>
<td>64742-95-6</td>
<td>5-15%</td>
<td>TLV 50ppm OSHA HAZARD: COMBUSTIBLE LIQUID EXXON/MOBIL RCP 19ppm (TWA)</td>
<td>1268 (PETROLEUM DISTILLATES, N.O.S.)</td>
</tr>
</tbody>
</table>

**PERFORMANCE ADDITIVES**

| WATER | 7732-18-5 | BALANCE | ND | NONE |

**PIGMENTS**

1. TITANIUM DIOXIDE (TiO2) | 1363-67-1 | OSHA PEL: 15mg/m (total dust) ACGIH TLV: 15mg/m (total dust) |
2. CALCIUM CARBONATE | 1317-65-3 | OSHA TWA 5.0 mg/m3 RESP. OSHA TWA 15.0 mg/m3 TOTAL |

**AR100** THE AROMATIC SOLVENT PORTION CONTAINS THE FOLLOWING **SECTION 313 REPORTABLE INGREDIENTS:**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NO.</th>
<th>MAX %</th>
<th>HAZARD DATA</th>
<th>UN#</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-TRIMETHYL BENZENE (PSEUDOCUMENE)</td>
<td>95-63-6</td>
<td>&lt;32.0%</td>
<td>OSHA PEL: NE ACGIH TLV: 25ppm (TWA)</td>
<td>1903 (FLAMMABLE LIQUIDS, N.O.S.) OR 3905 (HYDROCARBONS, LIQUID, N.O.S.)</td>
</tr>
<tr>
<td>XYLENES (XYLENES)</td>
<td>1330-20-7</td>
<td>&lt;2.2%</td>
<td>OSHA Z1 100ppm (TWA) ACGIH TLV 100ppm (TWA) NIOSH REL 100 ppm (TWA)</td>
<td>1307 (XYLENES)</td>
</tr>
<tr>
<td>CUMENE</td>
<td>98-82-8</td>
<td>&lt;1.1%</td>
<td>OSHA Z1 50ppm (TWA) ACGIH TLV 50ppm (TWA)</td>
<td>1918 (ISOPROPYL BENZENE)</td>
</tr>
</tbody>
</table>

(XYLENE) THE SOLVENT PORTION CONTAINS THE FOLLOWING **SECTION 313 REPORTABLE INGREDIENTS:**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NO.</th>
<th>MAX %</th>
<th>HAZARD DATA</th>
<th>UN#</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENES</td>
<td>1330-20-7</td>
<td>70-80% TYPICAL</td>
<td>OSHA Z1 100ppm (TWA) ACGIH TLV 100ppm (TWA) NIOSH REL 100 ppm (TWA)</td>
<td>1307</td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>100-41-4</td>
<td>20-30% TYPICAL</td>
<td>OSHA Z1 100ppm (TWA) ACGIH TLV 100ppm (TWA) NIOSH REL 100 ppm (TWA)</td>
<td>1175</td>
</tr>
</tbody>
</table>
HAZARD:
AND EXPLOSION
ACCUMULATION
STATIC
GENERAL
MEDIA:
EXTINGUISHING
INHALATION:
SKIN:
EYES:
EMERGENCY AND FIRST AID PROCEDURES:
OVEREXPOSURE:
ACUTE
OVEREXPOSURE:
EFFECTS OF
INGESTION / INHALATION
EMERGENCY AND FIRST AID PROCEDURES:
EYES:
SKIN:
INHALATION:
INGESTION:
SECTION IV FIRST AID MEASURES
HEALTH HAZARD DATA HAZARD CLASSIFICATION
BASIS FOR CLASSIFICATION SOURCE
ROUTES OF EXPOSURE:
INHALATION:
SKIN CONTACT:
SKIN ABSORPTION:
EYE CONTACT:
INGESTION / INHALATION
EMERGENCY AND FIRST AID PROCEDURES:
ACUTE OVEREXPOSURE:
EMERGENCY AND FIRST AID PROCEDURES:
BASIS FOR CLASSIFICATION SOURCE
SECTION V FIREFIGHTING MEASURES
SECTION VI ACCIDENTAL RELEASE MEASURES
PRECAUTIONARY STATEMENTS:
PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.
PRECAUTIONARY STATEMENTS:
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SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.
OCCUPATIONAL EXPOSURE: "FUEL" SUPPLY FROM FIRE.
REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICALS OR WATER SPRAY.
WASH WITH SOAP AND LARGE QUANTITIES OF WATER.
PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE THE TLV 50 ppm AR-100.
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 USE.
PREVENT PRESSURE BUILD UP.
AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES. PERSONNEL SHOULD AVOID INHALATION OF VAPORS.
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.
USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. ISOLATE FIRE SUPPLY FROM FIRE.
AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.
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 RESPIRATOR; HALF MASK ORGANIC VAPOR CARTRIDGE. FULL FACE ORGANIC VAPOR CARTRIDGE IF EYE PROTECTION IS NEEDED.
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**SECTION IX PHYSICAL / CHEMICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point: (76-mmHg)</td>
<td>100°C / 212°F (Water)</td>
</tr>
<tr>
<td>Melting/Freezing Point:</td>
<td>0°C / 32°F (Water)</td>
</tr>
<tr>
<td>Vapour Pressure:</td>
<td>1.97 mmHg/g @20°C (AR100)</td>
</tr>
<tr>
<td>Solubility in H2O % by WT:</td>
<td>100%</td>
</tr>
<tr>
<td>Evaporation Rate (BuAc=1):</td>
<td>0.27 (AR100)</td>
</tr>
<tr>
<td>pH (AS IS):</td>
<td>N/A</td>
</tr>
<tr>
<td>pH (1% Soln):</td>
<td>1.002</td>
</tr>
<tr>
<td>Appearance and Odor:</td>
<td>Milky white emulsion with aromatic solvent odor</td>
</tr>
<tr>
<td>Flash Point: (Test Method)</td>
<td>&lt;93°C / &lt;200°F (TCC)</td>
</tr>
<tr>
<td>Autoginition Temp:</td>
<td>479°C / 894°F (AR100)</td>
</tr>
<tr>
<td>Flammable Limits in Air, %</td>
<td>Lower: 0.9% Upper: 6.2% (AR100)</td>
</tr>
</tbody>
</table>

**SECTION X STABILITY AND REACTIVITY**

| Conditions Contributing to Instability: | This product is stable. |
| Conditions Contributing to Hazardous Polymerization: | N/A will not occur |
| 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. |

**SECTION XI TOXICOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Conclusion/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Toxicty</td>
</tr>
<tr>
<td></td>
<td>May cause central nervous system effects. Based on test data for the material.</td>
</tr>
<tr>
<td>Irritation</td>
<td>May irritate to the respiratory tract. The effects are reversible. Based on test data for structurally similar materials.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Toxicity: LD50 &gt;3000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Minimally toxic. Based on test data for structurally similar materials.</td>
</tr>
<tr>
<td>Skin</td>
<td>Toxicity: LD50 &gt;3160 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Minimally toxic. Based on test data for the material.</td>
</tr>
<tr>
<td>Irritation</td>
<td>Mildly irritate to skin with prolonged exposure. Based on test data for the material.</td>
</tr>
<tr>
<td>Eye</td>
<td>Irritation</td>
</tr>
<tr>
<td></td>
<td>May cause mild, short-lasting discomfort to eyes. Based on test data for the material.</td>
</tr>
<tr>
<td>Chronic/Other Effects</td>
<td>Vapour/aerosol concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, sappiness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death.</td>
</tr>
<tr>
<td></td>
<td>Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis.</td>
</tr>
<tr>
<td></td>
<td>Small amounts of liquid aspirated into the lungs during ingestion of from vomiting may cause chemical pneumonitis or pulmonary edema.</td>
</tr>
</tbody>
</table>

**SECTION XII ECLOGICAL INFORMATION**

The information given is based on data available for the material, the components of the material, 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 | Biological Material – Expected to readily biodegradable. |
| Hydrolysis  | Material - Transformation due to hydrolysis no expected to be significant. |
| Photolysis  | Material – Transformation due to photolysis not expected to be significant. |
| Atmosphere  | Oxidation Material – Expected to degrade rapidly in air. |

**SECTION XIII DISPOSAL CONSIDERATIONS**

Aquatic Toxicity (EC 96HR 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**

<table>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Ground</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>Non Regulated</td>
<td>Non Regulated</td>
<td>Non Regulated</td>
<td>NA</td>
</tr>
<tr>
<td>IMDG</td>
<td>Ocean</td>
<td>Non Regulated</td>
<td>Non Regulated</td>
<td>Non Regulated</td>
<td>NA</td>
</tr>
</tbody>
</table>

Marine Pollutant: This product does contain a material. On the marine pollutants table (HMT 172.101 Appendix B) aromatic 100.
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 (aromatic 100).

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, aromatic solvent naphtha).

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)

FEDERAL / FDA / USDA:

MARINE POLLUTANTS: Yes. 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 contains 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 contains a material on the RQ Table (HMT 172.101 Appendix A); Xylenes, mixed.

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:

<table>
<thead>
<tr>
<th>NPCA-HMIS</th>
<th>NFPA 704</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWERCOAT PRIMER WB CLEAR &amp; PIGMENTED</td>
<td>3 -- SERIOUS</td>
</tr>
</tbody>
</table>

HEALTH 1 1 2 -- MODERATE
FLAMMABILITY 1 1 1 -- SLIGHT
REACTIVITY 0 0 0 -- MINIMAL

KEY

4 -- SEVERE

NPCA-HMIS
NFPA 704

POWERCOAT PRIMER WB CLEAR & PIGMENTED

HEALTH
FLAMMABILITY
REACTIVITY

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

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