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

HEALTH  1
FLAMMABILITY  3
REACTIVITY  0

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERCOAT PRIMER CLEAR AIM
VOC CONTENT: <250 GRAMS/LITER OR <2.09 #/GAL
CATEGORY: CONCRETE CURING COMPOUND (OTC/LIMIT 350g/L)
COMMON NAME: STYRENE ACRYLATE COPOLYMER IN EXEMPT SOLVENT
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: JUNE 1996
UPDATED: JULY 2020
PREPARED BY: DARRY F. MANUEL , PRESIDENT

CLASSIFICATION OF MIXTURE:
FLAMMABLE LIQUID – CATEGORY 2
SERIOUS EYE DAMAGE/EYE IRRITATION – CATEGORY 2A
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - CATEGORY 3

SINGLE WORD: DANGER

HAZARD STATEMENTS:
HIGHLY FLAMMABLE LIQUID
AND VAPOR. CAUSES SERIOUS EYE IRRITATION, MAY CAUSE DROWSINESS OR DIZZINESS

PRECAUTIONALY STATEMENTS:
FLAMMABLE 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 II – HAZARD IDENTIFICATION

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>STYRENE ACRYLATE COPOLYMER</td>
<td>25036-16-2</td>
<td>40-50%</td>
<td>ND</td>
<td>NONE</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>35-45%</td>
<td>FLAMMABLE LIQUID</td>
<td>1090</td>
</tr>
<tr>
<td>ACGIH TLV: 1000 ppm</td>
<td>NIOSH REL: 250 ppm</td>
<td>OSHA PEL: 1000 ppm</td>
<td>RQ 5000 lbs</td>
<td></td>
</tr>
<tr>
<td>ACETONE AND AROMATIC COMPONENT</td>
<td>64742-94-5</td>
<td>5-15%</td>
<td>FLAMMABLE LIQUID</td>
<td>1255</td>
</tr>
<tr>
<td>ACGIH TLV: 100 ppm, 525 mg/m3 (TWA)</td>
<td>NIOSH REL: 350 mg/m3 (TWA)</td>
<td>OSHA PEL: 500 ppm, 2900 mg/m3 (TWA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACETONE AND AROMATIC COMPONENT</td>
<td>95-63-6</td>
<td>&lt;32.0%</td>
<td>FLAMMABLE LIQUID</td>
<td>1993</td>
</tr>
<tr>
<td>NAPHTHA (Petroleum), HEAVY AROMATIC</td>
<td>98-82-8</td>
<td>1.1% Max</td>
<td>FLAMMABLE LIQUID</td>
<td>1918</td>
</tr>
<tr>
<td>OSHA Z1 50ppm (TWA)</td>
<td>NIOSH REL: 25 ppm (TWA)</td>
<td>ACGIH TLV 25 ppm (TWA)</td>
<td>SARA SECTION 313</td>
<td></td>
</tr>
<tr>
<td>ACETONE AND AROMATIC COMPONENT</td>
<td>1330-20-7</td>
<td>2.2% Max</td>
<td>DOT LABEL:</td>
<td>1307</td>
</tr>
<tr>
<td>FLAMMABLE LIQUID</td>
<td>OSHA PEL: 100 ppm (TWA)</td>
<td>ACGIH TLV 100 ppm (TWA)</td>
<td>SARA SECTION 313</td>
<td></td>
</tr>
<tr>
<td>RQ 100 lbs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

THE SOLVENT PORTION CONTAINS THE FOLLOWING SECTION 313 REPORTABLE INGREDIENTS:

1,2,4-TRIMETHYL BENZENE (PSEUDOCUMENE) | 96-53-6 | <32.0% FLAMMABLE LIQUID
OSHA PEL Not Estab. | ACGIH TLV 25 ppm (TWA) | NIOSH REL: 25 ppm (TWA) | SARA SECTION 313

CUMENE | 98-82-8 | 1.1% Max OSHA Z1 50ppm (TWA) | ACGIH TLV 50ppm (TWA) | SARA SECTION 313

XYLENE | 1330-20-7 | 2.2% Max DOT LABEL: FLAMMABLE LIQUID
OSHA PEL: 100 ppm (TWA) | ACGIH TLV 100 ppm (TWA) | SARA SECTION 313 | RQ 100 lbs

SECTION IV FIRST AID MEASURES

HEALTH HAZARD DATA HAZARD CLASSIFICATION
BASIS FOR CLASSIFICATION SOURCE

ROUTES OF EXPOSURE:

INHALATION: THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES, DIZZINESS, LIGHTHEADEDNESS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. VAPOR INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA OR HEADACHE. ACETONE AND AROMATIC 150 COMPONENT

SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. ACETONE AND AROMATIC 150 COMPONENTS

SKIN ABSORPTION: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. ACETONE AND AROMATIC COMPONENT.

EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT. ACETONE AND AROMATIC COMPONENT.
### Section V: Firefighting Measures

**Extinguishing Media:**
- Extinguish fires involving this product with regular foam, carbon dioxide, dry chemicals, or water spray. Water may be used to reduce the rate of burning and for cooling purposes. Avoid spraying water directly into storage containers due to danger of boil over.
- Flammable - can form combustible mixtures at temperatures at or above the flash point.
- Static discharge - material can accumulate static charges which can cause an incendiary explosion or 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.

**Electro-Static Accumulation Hazard:**
- Use proper grounding.

**Unusual Fire and Explosion Hazard:**
- This product is extremely flammable and explosive under normal conditions in the presence of flame or sparks source. 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. Keep work areas free of hot metal surfaces and other sources of ignition.

### 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; if possible to do so without hazard. For small spills, implement cleanup procedures in accordance with local regulations. For large spills, implement cleanup 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 if possible. 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, sink 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.

**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.

**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 containers cool, dry, and away from sources of ignition. 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 VII: Handling and Storage

**Precautionary Statements:**
- Personel 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.

**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 containers cool, dry, and away from sources of ignition. 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.

**Gloves:** The use of impermeable gloves is advised to prevent skin irritation in sensitive individuals. Impermeable 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.

ENVIRONMENTAL TOXICITY: THIS MATERIAL IS NOT EXPECTED TO BE TOXIC TO AQUATIC LIFE. THE LC50/96 HR. VALUES FOR FISH ARE OVER 100 MG/L

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 IX PHYSICAL / CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: CLEAR LIQUID WITH ACETONE ODOR

EVPARATION RATE (BuAc=1): 7.7 FAST (acetone)

RELATIVE DENSITY (H2O=1): 0.90

VAPOR DENSITY (AIR=1): 2.0 (acetone)

SOLUBILITY IN H2O % BY WT: MISCEIBLE

VAPOR PRESSURE: 194 mmHg@68°F/20°C

BOILING POINT: (760mmHg) 56°C / 134°F (acetone)

APRONS AND HELMETS (HEAD COVER) ARE RECOMMENDED WHEN ENVIRONMENTAL EFFECTOR INVESTIGATED AS A RUMORIGEN, MUTAGEN, REPRODUCTIVE INHALLATION OR ORAL POLYMERIZATION TO HAZARDOUS CONDITIONS CONTRIBUTING PRODUCTS.

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 CONTRIBUING TO INSTABILITY: THIS PRODUCT IS STABLE.

CONDITIONS CONTRIBUING TO HAZARDOUS POLYMERIZATION: N/A WILL NOT OCCUR

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

ORAL RAT LD50 5800 MG/KG
INHALATION RAT LC50 1000 MG/KG
IRRITATION EYE RABBIT STANDARD DRAIZE, 20 MG, SEVERE

INVESTIGATED AS A RUMORIGEN, MUTAGEN, REPRODUCTIVE EFFECTOR

SECTION XII ECOLOGICAL INFORMATION

SOIL WHEN RELEASED INTO THE SOIL, THIS MATERIAL IS EXPECTED TO QUICKLY DEGRADE. WHEN RELEASED INTO THE SOIL, THIS MATERIAL IS EXPECTED TO LEACH INTO GROUNDWATER. WHEN RELEASED INTO SOIL, THIS MATERIAL IS EXPECTED TO QUICKLY EVAPORATE.

WATER WHEN RELEASED INTO WATER THIS MATERIAL IS EXPECTED TO QUICKLY DEGRADE. WHEN RELEASED INTO WATER THEIR MATERIALS IS EXPECTED TO QUICKLY EVAPORATE. THIS MATERIAL HAS A LOG OCTONAL-WATER PARTITION COEFFICIENT OF LESS THAN 3.0, THIS MATERIAL IS EXPECTED TO BIOACUMULATE.

AIR WHEN RELEASED INTO THE AIR, THIS MATERIAL MAY BE DEGRADED BY REACTION WITH PHOTOCHEMICALLY PRODUCE HYDROXYL RADICALS. WHEN RELEASED INTO THE AIR, THIS MATERIAL MAY BE DEGRADED BY PHOTOLYSIS. WHEN RELEASED INTO THE AIR, THIS MATERIAL IS EXPECTED TO QUICKLY EVAPORATE.

SECTION XIV TRANSPORTATION INFORMATION

DOT GROUND 1866 RESIN SOLUTION 3, II ORMAD – Max 30Kg gross wt (66lbs)
IATA AIR 1866 RESIN SOLUTION 3, II Passenger Aircraft - 5L Cargo Aircraft - 60L
IMDG OCEAN 1866 RESIN SOLUTION 3, II

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 67-64-1 (ACETONE)

CERCLA: IF THE REPORTABLE QUANTITY OF THIS PRODUCT IS ACCIDENTALLY SPILLED, THE INCIDENT IS SUBJECT TO THE PROVISIONS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE RECOVERY ACT (CERCLA) AND MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER BY CALLING 1-800-424-8802 or 202-426-2675.

THE REPORTABLE SPILL QUANTITY (RQ) OF THIS PRODUCT IS 5,000 POUNDS (ACETONE).

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: THIS PRODUCT DOES CONTAIN A MATERIAL. ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B). SEE SECTION XIV

CERCLA / RQ: 5000 POUNDS (ACETONE). THIS PRODUCT CONTAINS A MATERIAL ON THE RQ TABLE (HMT 172 Title 14 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 L. MANUEL / PRESIDENT
COMPANY: VEXCON CHEMICALS, INC.
ADDRESS: 1740 STATE RD, PHILA., PA 19135 USA

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<table>
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<tr>
<th>POWERCOAT PRIMER CLEAR AIM</th>
<th>NPCA-HMIS</th>
<th>NFPA 704</th>
<th>KEY</th>
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<tbody>
<tr>
<td>HEALTH</td>
<td>1</td>
<td>1</td>
<td>3   -- SERIOUS</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>3</td>
<td>3</td>
<td>2   -- MODERATE</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
<td>0</td>
<td>1   -- SLIGHT</td>
</tr>
</tbody>
</table>

0 -- MINIMAL