SAFETY DATA SHEET
VEXCON NO. CP099
POWERCOAT ONE CLEAR

HAZARD RATING
4=EXTREME
3=HIGH
2=Moderate
1=Slight
0=INSIGNIFICANT

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERCOAT ONE CLEAR

VOC CONTENT: <340 GR/LITER OR <2.83 #/GAL
CATEGORY: INDUSTRIAL MAINTENANCE COATING
COMMON NAME: STYRENE ACRYLATE EPOXY EMULSION
MANUFACTURER: VEXCON CHEMICALS, INC
ADDRESS: 7240 STATE RD, PHILADELPHIA, PA 19135
EMERGENCY NO: 800.858.2826 (PolySat Inc)
TELEPHONE NO: 215.332.7709 (Vexcon)
CHEMTREC NO: 800.424.9300 (CCN# 23822)
PREPARED: DECEMBER 1999
UPDATED: JANUARY 2020
PREPARED BY: DARRY F. MANUEL , PRESIDENT

SECTION II - HAZARD IDENTIFICATION

CLASSIFICATION OF MIXTURE
ASPIRATION - CATEGORY 1
EYE IRRITATION - CATEGORY 2B
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 10%. USE WITH ADEQUATE VENTILATION. DO NOT INDUCE VOMITING IF SWALLOWED. USE OF VAPORS MAY CAUSE BREATHING DIFFICULTIES. DIZZINESS, LIGHtheadedness WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. AROMATIC 100 SOLVENT COMPONENT.

MECHANICAL FLAMMABILITY LIMIT: ESSENTIALLY NON-FLAMMABLE

REACTIVITY: ESSENTIALLY NON-EXPLOSIVE

SECTION III HAZARDOUS 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</td>
<td>1993 (FLAMMABLE LIQUIDS, N.O.S)</td>
</tr>
<tr>
<td>XYLENES</td>
<td>1330-20-7</td>
<td>&lt;2.2%</td>
<td>OSHA Z1</td>
<td>1307 (XYLENES)</td>
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<tr>
<td>CUMENE</td>
<td>98-82-8</td>
<td>&lt;1.1%</td>
<td>OSHA Z1</td>
<td>1918 (ISOPROPYL BENZENE)</td>
</tr>
</tbody>
</table>

SECTION IV FIRST AID MEASURES

HEALTH HAZARD DATA HAZARD CLASSIFICATION
Basis for Classification Source

ROUTINES OF EXPOSURE:

INHALATION: THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES. DIZZINESS, LIGHtheadedness WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION. AROMATIC 100 SOLVENT COMPONENT.

SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. AROMATIC 100 SOLVENT COMPONENT.

SKIN ABSORPTION: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. AROMATIC 100 SOLVENT COMPONENT.

EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT. AROMATIC 100 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 50 ppm AROMATIC 100 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 STOPS, BEGIN ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.

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. Avoid spraying water directly into storage containers due to danger of boil over.

GENERAL HAZARD:
Containers 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 probe, squeeze, 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.

UNUSUAL FIRE AND EXPLOSION HAZARD:
Product will burn if temperature exceeds boiling point water mix. 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.

SPECIAL FIREFIGHTING 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 VI ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Eliminate sources of ignition (flares, flames, pilot lights, electrical sparks). Prevent additional discharge of material; if possible to do so without hazard. For small spills, implement cleanup procedures. For large spill, implement clean up procedures and, if in public area, keep at least 17.5 mmHg@68°F/20°C. The use of impermeable gloves is advised to prevent skin irritation in sensitive individuals. Impervious gloves, (chemical resistant) such as neoprene, latex or pva. The availability of eye washes and safety showers in work areas is recommended.

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 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 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 approved cartridge 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 impermeable gloves is advised to prevent skin irritation in sensitive individuals. 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 IX PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 760mmHg 100 C / 212 F (WATER)
MELTING/FREEZING POINT: ~95 C, -139 F (WATER)
VAPOR PRESSURE: 17.5 mmHg@68°F/20°C (WATER)
VAPOR DENSITY (AIR=1): GREATER THAN AIR
SLUBILITY IN H2O % BY WT: 100%
% VOLATILES BY VOL: 60-70%
EVAPORATION RATE (BuAcc1):
SLOW I - SLOW I 1.002
PH (AS IS): 7-8 TYPICAL
PH (1% SOLN): N/A
APPEARANCE AND ODOR: MILKY EMULSION WITH SOLVENT ODOR
FLASH POINT: (TEST METHOD) >93°C / 200°F (TCC)
AUTOIGNITION TEMP: 479°C / 894°F (AR100)
FLAMMABLE LIMITS IN AIR, % BY VOL: LOWER: 0.9%  UPPER: 6.2% (AR100)

SECTION X STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO STABILITY:
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

ACUTE TOXICITY: INHALATION
TOXICITY: DATA AVAILABLE
TOXICITY: MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. BASED ON THES DATA FOR THE MATERIAL
IRRITATION: DATA AVAILABLE
IRRITATION: MAY BE IRRITATING TO THE RESPIRATORY TRACT. THE EFFECTS ARE REVERSIBLE.
**SECTION XIV TRANSPORTATION INFORMATION**

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<th>Governing Body</th>
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<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
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<tr>
<td>IATA</td>
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<tr>
<td>IMDG</td>
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<td>NON REGULATED</td>
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</table>

**MARINE POLLUTANT:** THIS PRODUCT DOES CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B) (AR100).

**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), or 1330-20-7 (xylenes).

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.

REPORTABLE SPILL QUANTITY (RQ) HAS BEEN ESTABLISHED FOR THIS PRODUCT (STODDARD SOLVENT, AROMATIC SOLVENT NAPTHA).

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

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 ANY OF 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:**

THE INFORMATION IS FOR PEOPLE TRAINED IN:

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

**KEY**

4 -- SEVERE

HEALTH

1 1 2 -- MODERATE

FLAMMABILITY

1 1 1 -- SLIGHT

REACTIVITY

0 0 0 -- MINIMAL