SAFETY DATA SHEET

VEXCON NO. CP099

POWERCOAT ONE PIGMENTED

| 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 respiratory 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 5%. 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.

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SECTION III - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERCOAT ONE PIGMENTED

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: 800.858.2828 (PolySat Inc)
TELEPHONE NO: 215.332.7709 (Vexcon)
CHEMTREC NO: 800.424.9300 (CCN# 23822)
PREPARED: DECEMBER 1999
UPDATED: JANUARY 2020
PREPARED BY: DARRYL F. MANUEL, PRESIDENT

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 EPOXY EMULSION</td>
<td>TRADE SECRET</td>
<td>30-40%</td>
<td>ND</td>
<td>NONE</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (Petroleum), LIGHT AROMATIC</td>
<td>64742-95-6</td>
<td>5-10%</td>
<td>TLV: 50ppm OSHA HAZARD: COMBUSTIBLE LIQUID</td>
<td>1268</td>
</tr>
<tr>
<td>WATER</td>
<td>NA</td>
<td>BAL</td>
<td>NONE</td>
<td>NONE</td>
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</tbody>
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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, light-headedness 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. WASH WITH SOAP AND LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS AND PERSIST.

SKIN: 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: 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, 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, IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL INCREASES IN OPACITY AND ODOR (CARBON DIOXIDE, WATER MIX.

UNUSUAL FIRE AND EXPLOSION HAZARD: 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.

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 ARENAS 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 (FLAMES, FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). PROVIDE ADDITIONAL DISCHARGE OF MATERIAL IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS, IMPLEMENT CLEANUP PROCEDURES. FOR LARGE SPILLS, IMPLEMENT CLEANUP PROCEDURES AND, IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. DISCHARGE ALONG THE GROUND OR INTO CONTAINERS. 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 EMTED SINCE EMTED 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 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) VAPOR PRESSURE: 17.5 mmHg@68°F/20°C (WATER) VAPOR DENSITY (AIR=1): GREATER THAN AIR

SOLUBILITY IN H2O % BY WT: 100% EVAPORATION RATE (BuAc=1): SLOW 0.3 (WATER) pH (AS IS): 7-8 TYPICAL SPECIFIC GRAVITY (H2O=1): 1.002 APPEARANCE AND ODOR: MILKY WHITE 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 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

INHALATION TOXICITY: MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS BASED ON TEST DATA FOR SIMILAR MATERIALS.

INGESTION TOXICITY: 

LD50 3000 mg/kg MINIMALLY TOXIC. BASED ON TEST DATA FOR SIMILAR MATERIALS.

SKIN TOXICITY: 

LD50 >3160 mg/kg MINIMALLY TOXIC. BASED ON TEST DATA FOR THE MATERIAL.

EYE IRRITATION DATA AVAILABLE MAY CAUSE MILD, SHORT-LASTING DISCOMFORT TO EYES. BASE ON TEST DATAT FOR THE MATERIAL.

CHRONIC/OFF EFFECTS FOR THE PRODUCT ITSELF: VAPOR / AEROSOL 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 CONTACT WITH LOW VISCOSITY MATERIALS MAY DEFAT THE SKIN RESULTING IN POSSIBLE IRRITATION AND DERMATITIS. SMALL AMOUNTS OF LIQUID ASPRITED INTO THE LUNGS DURING INGESTION OR FROM VOMITING MAY CAUSE CHEMICAL PNEUMONITIS OR PULMONARY EDEMA.

CONTAINS CUMENE: REPEATED INHALATION EXPOSURE OF CUMENE VAPOR PRODUCED DAMAGE IN KIDNEY OF MALE RATS ONLY. THE EFFECTS ARE BELIEVED TO BE SPECIES SPECIFIC AND ARE NOT RELEVANT TO HUMANS.

SECTION XII ECOLOGICAL INFORMATION

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

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

PERSISTENCE AND BIODEGRADABILITY MATERIAL EXPECTED TO BE READILY 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.

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 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

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 1350-20-7 (xylenes).

CERCLA: IF THE REPORTABLE QUANTITY OF THIS PRODUCT IS ACCIDENTLY 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.

MARINE POLLUTANTS: YES, THIS PRODUCT DOES CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX D) [AR100].

SECTION XV REGULATORY INFORMATION

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).

CERCLA / RO: 

NAME: NONE ESTABLISHED.

MARINE POLLUTANTS: NO, THE REPORTABLE SPILL QUANTITY (RQ) HAS NOT BEEN ESTABLISHED FOR THIS PRODUCT (STOODYARD SOLVENT, AROMATIC SOLVENT NAPHTHIA).

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

POWERCOAT ONE

INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? YES.

PREPARED BY DARRYL MANUEL / PRESIDENT

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HMIS HAZARD RATINGS:

- HEATH: 1 (LOW) 2 (MEDIUM) 3 (HIGH)
- FLAMMABILITY: 0 (LOW) 1 (MEDIUM) 2 (HIGH)
- REACTIVITY: 0 (LOW) 1 (MEDIUM) 2 (HIGH)
- KEY: 4 -- SEVERE