SAFETY DATA SHEET
VEXCON NO. CP104A
POWERCOAT EPOXY FLEXIBLE JOINT SEALANT PART A

SECTION I - GENERAL INFORMATION

CLASSIFICATION OF MIXTURE
- CARCINOGEN - CATEGORY 3
- SPECIFIC TARGET ORGAN TOXICANT (CENTRAL NERVOUS SYSTEM) - CATEGORY 3
- SPECIFIC TARGET ORGAN TOXICANT (RESPIRATORY IRRITANT) - CATEGORY 3
- ASPIRATION TOXICANT - CATEGORY 1

SINGLE WORD: DANGER

HAZARD STATEMENTS: FLAMMABLE LIQUID AND VAPOR. MAY BE FATAL IF INHALED OR SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.

ENVIRONMENTAL HAZARDS: EXPECTED TO BE TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

PRECAUTIONARY STATEMENT: FLAMMABLE. USE ONLY WITH ADEQUATE VENTILATION. IF INHALED, KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. DO NOT INHALE VAPOR. USE SOLVENT RESISTANT GLOVES, GOGGLES AND OTHER PROTECTIVE EQUIPMENT. 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.

PRODUCT IDENTIFICATION:
- POWERCOAT EPOXY FLEXIBLE JOINT SEALANT PART A
- MANUFACTURER: VEXCON CHEMICALS, INC
- ADDRESS: 7240 STATE RD, PHILADELPHIA, PA 19135
- TELEPHONE NO: 215.332.7709
- CHEMTREC NO: 800.858.2828
- PREPARED: MAY 1996
- UPDATED: JULY 2020
- PREPARED BY: DARRYL F. MANUEL, PRESIDENT

SECTION II - HAZARD IDENTIFICATION

HEALTH HAZARD DATA HAZARD CLASSIFICATION
- BASIS FOR CLASSIFICATION

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

HEALTH
- 3

FLAMMABILITY
- 2

REACTIVITY
- 0

SECTION III - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NO.</th>
<th>MAX %</th>
<th>HDRAZARD 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</td>
</tr>
<tr>
<td>XYLENES</td>
<td>1330-20-7</td>
<td>&lt;2.2%</td>
<td>OSHA Z1 100ppm (TWA)</td>
<td>1307</td>
</tr>
<tr>
<td>CUMENE</td>
<td>98-82-8</td>
<td>&lt;1.1%</td>
<td>OSHA Z1 50ppm (TWA)</td>
<td>1918</td>
</tr>
<tr>
<td>DIBUTYL PHthalate</td>
<td>84-74-2</td>
<td>&lt;3%</td>
<td>ACGIH TLV 0.45 ppm</td>
<td>3082</td>
</tr>
</tbody>
</table>

THE AROMATIC SOLVENT PORTION CONTAINS THE FOLLOWING SECTION 313 REPORTABLE INGREDIENTS:
- TOLUENE
- XYLENES

SECTION IV - FIRST AID MEASURES

HEALTH HAZARD DATA HAZARD CLASSIFICATION
- BASIS FOR CLASSIFICATION

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. AROMATIC 100 AND PROPYL CELLSOLVE COMPONENT
- SKIN CONTACT:
  - THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. AROMATIC 100 AND PROPYL CELLSOLVE COMPONENT
- SKIN ABSORPTION:
  - THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. AROMATIC 100 AND PROPYL CELLSOLVE COMPONENT
PROCEDURES

FIGHTING

SPECIAL FIRE HAZARD:
ACCUMULATION ELECTRO-STATIC

GENERAL HAZARD:

MEDIA:
EXTINGUISHING

TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR WITH ANOTHER SUITABLE SUCH AS SAWDUST. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE AND ADVISE AUTHORITIES. DIKE SPILL AREA WITH SAND OR EARTH TO CONTAIN IMPLEMENT CLEAN UP PROCEDURES AND, IF IN PUBLIC AREA, KEEP PUBLIC AWAY FOR SMALL SPILLS, IMPLEMENT CLEANUP PROCEDURES. FOR LARGE SPILL, ADDITIONAL DISCHARGE OF MATERIAL; IF POSSIBLE TO DO SO WITHOUT HAZARD.

ACUTE OVEREXPOSURE:
ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS; MODERATE IRRITATION BY LIQUID TO SKIN AND EYES. PROLONGED CONTACT ON THE SKIN WILL CLAY AND DEFEAT 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. CONSULT A PHYSICIAN.

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.

THE PRODUCT CONTAINS SOMETHING SMALL QUANTITIES OF RESPIRABLE CRYSTALLINE SILICA. PROLONGED / REPEATED INHALATION OF RESPIRABLE CRYSTALLINE SILICA DUST MAY CAUSE DELAYED LUNG INJURY (BILCO) AND INCREASE THE RISKS OF DEVELOPING RESPIRATORY CANCER.

INGESTION: DO NOT INDUCE VOMITING; SEEK IMMEDIATE MEDICAL ATTENTION.

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 OR 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 PUBLIC AWAY AND ADVISE AUTHORITIES. DIKE SPILL AREA WITH SAND OR EARTH TO CONTAIN SPILLED LIQUID AND PREVENT SPREADING. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR WITH ANOTHER SUITABLE ABSORBENT MATERIAL AND SHOVELLED INTO CONTAINERS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO EPA, FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.
### SECTION XI TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>TOXICITY: DATA AVAILABLE</th>
<th>MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS BASED ON TEST DATA FOR THE MATERIAL</th>
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<table>
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<tr>
<th>ACUTE TOXICITY:</th>
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<table>
<thead>
<tr>
<th>INHALATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRITATION: DATA AVAILABLE</td>
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</table>

<table>
<thead>
<tr>
<th>INGESTION</th>
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<tbody>
<tr>
<td>TOXICITY: LD50: 3000 mg/kg</td>
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</table>

<table>
<thead>
<tr>
<th>SKIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOXICITY: LD50 &gt;160 mg/kg</td>
</tr>
</tbody>
</table>

| IRITATION: DATA AVAILABLE | MILDLY IRRITATION TO SKIN WITH PROLONGED EXPOSURE BASED ON TEST DATA FOR THE MATERIAL |

<table>
<thead>
<tr>
<th>CHRONIC/OTHER EFFECTS</th>
</tr>
</thead>
</table>

| FOR THE PRODUCT ITSELF: VAPOR AEROSOL CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LEVELS ARE IRRITATING TO THE EYES AND RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANOREXIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DEATH. PROLONGED AND/OR REPEATED SKIN CONTACT WITH LOW VISCOITY MATERIALS MAY DEAF THE SKIN RESULTING IN POSSIBLE IRRITATION AND DERMATITIS. SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE LUNGS DURING INGESTIN OR FROM VOMITING MAY CAUSE CHEMICAL PNEUMONITIS OR PULMONARY EDEMA |

| CONTAINS CIMEN VAPOR PRODUCED DAMAGE IN KIDNEY OF MALE RATS ONLY. THE EFFECTS ARE BELIEVED TO BE SPECIES SPECIFIC NAD 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.

#### MOBILITY

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

#### PERSISTENCE AND DEGRADIBILITY

MATERIAL EXPECTED TO BE READILY BIODEGRADABLE

#### BIODEGRADATION

MATERIAL TRANSFORMATION DUE TO BIODEGRADATION NOT EXPECTED TO BE SIGNIFICANT.

#### 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

#### 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 (CRRA, 40 CFR 261). TYPICALLY CONTROLLED BURNING, INCINERATION OR APPROVED LAND FILL SITES ARE AVAILABLE.

### SECTION XIV TRANSPORTATION INFORMATION

#### Governing Body | Mode | UN Number | Proper Shipping Name | Hazard Class | Packin g Group | Quantity Limitation
<table>
<thead>
<tr>
<th></th>
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<tr>
<td>DOT</td>
<td>GROUND NON-REGULATE D</td>
<td>NON-REGULAT E D</td>
<td>NON-REGULATE D</td>
<td>NON-REGULATE D</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>IATA</td>
<td>AIR</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>III</td>
<td>Passenge r Aircraft – 60L Cargo Aircraft – 220L</td>
</tr>
<tr>
<td>IMDG</td>
<td>OCEAN</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>III</td>
<td></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 LCUB (UNKNOWN, VAILABLE 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 202-426-6075. THE REPORTABLE SPILL QUANTITY (RQ) OF THIS PRODUCT IS 550 LBS / 50 GALLONS (DBP)

#### 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, HEADS, FIRE

#### ADDITIONAL REGULATORY CONCERNS:

(FEDERAL, FDA, USDA, CPSC, STATE, OTHER)

#### FEDERAL PORTABILITY:

MARINE POLLUTANTS: THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B).

#### CALIFORNIA PROP 65:

WARNING: This product contains chemicals known to the state of California to cause cancer or birth defects or other reproductive harm. (Crystalline Silica particles of respirable size)

#### MARINE POLLUTANTS:

THIS PRODUCT CONTAINS A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B), DBP, AROMATIC 100

#### CERCLA / RQ: 550 LBS / 50 GALLONS

THIS PRODUCT CONTAINS A MATERIAL ON THE RQ TABLE (HMT 172.101 Appendix A): DBP

#### TSCA:

IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR USE 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:

**THIS INFORMATION IS FOR PEOPLE TRAINED IN:**

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

**IDENTIFICATION OF FIRE HAZARDS OF MATERIALS**

#### POWERCOAT EPOXY

**FLEXIBLE JOINT SEALANT**

<table>
<thead>
<tr>
<th>PART A</th>
<th>NPCA-HMIS</th>
<th>NFPA 704</th>
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</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**KEY**

- 4 – SEVERE
- 3 – SERIOUS
- 2 – MODERATE
- 1 – SLIGHT
- 0 – MINIMAL
SINGLE WORD
ENVIRONMENTAL HAZARDS
DIZZINESS. SUSPECTED OF CAUSING CANCER.
IRRITATION. MAY CAUSE DROWSINESS OR
ENTER AIRWAYS. MAY CAUSE RESPIRATORY
VAPOR. MAY BE FATAL IF SWALLOWED AND
AQUATIC ENVIRONMENT. ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE
PRECAUTIONARY STATEMENT
CLASSIFICATION OF MIXTURE
HAZARD STATEMENTS
OVEREXPOSURE:
ACUTE
OVEREXPOSURE:
EFFECTS OF
INGESTION /
INHALATION
EYE CONTACT:
SKIN ABSORPTION:
SKIN CONTACT:
INHALATION:
ROUTES OF EXPOSURE:
HEALTH HAZARD DATA HAZARD CLASSIFICATION
BASIS FOR CLASSIFICATION SOURCE
SAFETY DATA SHEET
VEXCON NO. CP104B
POWERCOAT EPOXY FLEXIBLE JOINT SEALANT PART B

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

HEALTH 1
FLAMMABILITY 2
REACTIVITY 2

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERCOAT EPOXY FLEXIBLE JOINT SEALANT PART B
VOC CONTENT: PART A ONLY: <250 GR/LITER OR <2.09#/GAL
PART B ONLY: <250 GR/LITER OR <2.09#/GAL
AS APPLIED: <250 GR/LITER OR <2.09#/GAL
CATEGORY: INDUSTRIAL MAINTENANCE COATING
COMMON NAME: EPOXY COATING
MANUFACTURER: VEXCON CHEMICALS, INC
ADDRESS: 7240 STATE RD, PHILADELPHIA, PA 19135
EMERGENCY NO: 800.332.7709 (Vexcon)
TELEPHONE NO: 800.424.9300 (CCN# 23822)
CHEMTREC NO: 800.424.9300 (PolySat Inc)
PREPARED: MAY 2000
UPDATED: JULY 2020
PREPARED BY: DARRY F. MANUEL, PRESIDENT

SECTION II – HAZARD IDENTIFICATION

CLASSIFICATION OF MIXTURE
FLAMMABLE LIQUID – CATEGORY 3
CARCINOGEN – CATEGORY 2
SPECIFIC TARGET ORGAN TOXICANT (CENTRAL NERVOUS SYSTEM) – CATEGORY 3
SPECIFIC TARGET ORGAN TOXICANT (RESPIRATORY IRRITANT) – CATEGORY 3
ASPIRATION TOXICANT – CATEGORY 1

SINGLE WORD: DANGER

HAZARD STATEMENTS: FLAMMABLE LIQUID AND VAPOR. MAY BE FATAL IF SWALLOWED AND ENTER AIRWAYS. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. SUSPECTED OF CAUSING CANCER.

ENVIRONMENTAL HAZARDS: EXPECTED TO BE TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

PRECAUTIONARY STATEMENT: FLAMMABLE 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. KEEP AWAY FOR HEAT/SPARKS/OPEN FLAMES/HOT SURFACES – NO SMOKING

SECTION III HAZARDOUS INGREDIENTS

SECTION IV FIRST AID MEASURES

SAFETY DATA SHEET
VEXCON NO. CP104B
POWERCOAT EPOXY FLEXIBLE JOINT SEALANT PART B

HEALTH HAZARD DATA HAZARD CLASSIFICATION

BASIS FOR CLASSIFICATION SOURCE

MATERIAL OR COMPONENTS
CAS NO. % HAZARD DATA UN#

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NO.</th>
<th>MAX%</th>
<th>HAZARD DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>BISPHENOL A / EPICHLOROHYDIN EPOXY RESIN</td>
<td>25068-38-6</td>
<td>75-85%</td>
<td>NONE ESTABLISHED</td>
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<tr>
<td>SOLVENT NAPHTHA (Petroleum), LIGHT AROMATIC</td>
<td>64742-95-6</td>
<td>5-15%</td>
<td>TLV 50 PPM</td>
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<tr>
<td>ETHYLENE GLYCOL MONOPROPYL ETHER</td>
<td>002807-30-9</td>
<td>1-6%</td>
<td>OSHA HAZARD: COMBUSTIBLE</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>COMPONENT</th>
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<th>MAX%</th>
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</tr>
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<tbody>
<tr>
<td>1,2,4 TRIMETHYL BENZENE</td>
<td>95-63-6</td>
<td>2.0%</td>
<td>DOT LABEL: FLAMMABLE LIQUID</td>
</tr>
<tr>
<td>CUMENE</td>
<td>98-82-8</td>
<td>1.5%</td>
<td>DOT LABEL: FLAMMABLE LIQUID</td>
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<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
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REPORTABLE INGREDIENTS:

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<td>DOT LABEL: FLAMMABLE LIQUID</td>
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</tbody>
</table>
EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION. CONSULT A PHYSICIAN.

SKIN: WASH WITH SOAP AND LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS AND PERSISTS.

INHALATION: MOISTURE TO LIMIT FUMES FROM VAPORS. IF BREATHING IS DIFFICULT, GIVE OXYGEN. 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:

EXCLUDE AIR. 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:

FLAMMABLE OR COMBUSTIBLE LIQUID - CAN FORM COMBUSTIBLE MIXTURES AT TEMPERATURES 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 IRRITATION. 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:

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 IRRITATION.

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 FIRED EXPOSED SURFACES AND TO PROTECT PERSONNEL. ISOLATE "FUEL" SUPPLY FROM FIRE. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

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), 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, ANNOUNCE WARNINGS AND DIRECTIONS TO CLEAR SPILL AREA WITH SAND OR EARTH TO CONTAIN SPILLED LIQUID AND PREVENT SPREADING. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR WITH ANOTHER SUITABLE ABSORBENT MATERIAL AND SHOVELLED 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 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 IRRITATION, 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 AVERAGE LEVELS. IF LOCAL MECHANICAL 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)

TEMPERATURE RANGE: 161-171°C / 322-340°F

MELTING/FREEZING POINT:

−14°C / 7°F

VAPOR PRESSURE:

1.97 mmHg@68°F/20°C

VAPOR DENSITY (AIR=1):

4.2 (AR100)

SOLUBILITY IN H2O (%) BY WT:

10-20%

% VOLATILES BY VOL:

1.09

PH (AS IS):

N/A

PH (1%, SOLN):

N/A

APPEARANCE AND ODOR:

CLEAR TO AMBER THICK LIQUID WITH PAINT SOLVENT ODOR

FLASH POINT: (TEST METHOD)

<42°C / 108°F (TCC) (Aromatic 100)

AUTOIGNITION TEMP:

545°C / 1013°F (AR150)

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: DATA AVAILABLE MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. BASED ON TEST DATA FOR THE MATERIAL.

IRRITATION: DATA AVAILABLE MAY BE IRRITATING TO THE RESPIRATORY TRACT. THE EFFECTS ARE REVERSIBLE. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.

ACUTE TOXICITY:

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.

IRRITATIONS DATA AVAILABLE MILD IRITATION TO SKIN WITH PROLONGED EXPOSURE, 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/OTHER EFFECTS

FOR THE PRODUCT ITSELF: VAPOR AND 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 DEAF THE SKIN RESULTING IN POSSIBLE IRRITATION AND DERMATITIS. SMALL AMOUNTS OF LIQUID ASPARATED 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.

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

PERSISTENCE AND DEGRADABILITY

BIODEGRADATION 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

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

Governing Body Mode UN Number Proper Shipping Name Hazard Class Packin Group Quantity Limitation

DOT GROUND (NON-BULK) NON-REGULATE D NON-REGULATE D NON-REGULATE D NA NA

IATA AIR 1866 RESIN SOLUTION 3 III Passenger Aircraft – 60L Cargo Aircraft – 220L

IMDG OCEAN 1866 RESIN SOLUTION 3 III

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 LVD (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. THE REPORTABLE SPILL QUANTITY (RQ) OF THIS PRODUCT IS 550 LBS / 50 GALLONS (DBP).


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

FEDERAL: PORTS/USA

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

MARINE POLLUTANTS: THIS PRODUCT CONTAINS A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B). DBP, AROMATIC 100.

CERCLA / RQ: 550 LBS / 50 GALLONS THIS PRODUCT CONTAINS A MATERIAL ON THE RQ TABLE (HMT 172.101 Appendix A): DBP.

TSCA: IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR USE ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? YES.

SECTION XVI OTHER INFORMATION

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

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HIMS HAZARD RATINGS:

This information is for people trained in: hazardous materials identification system (hims) national fire protection association (nfpa 704) identification of fire hazards of materials.

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<th>Hazard</th>
<th>Key</th>
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<tbody>
<tr>
<td>Health</td>
<td>1 1</td>
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POWERCOAT EPOXY FLEXIBLE JOINT SEALANT PART B NPCA-HMIS NFPA 704

3 3 - SERIOUS