SAFETY DATA SHEET
VEXCON NO. CP112
POWERCOAT EPOXY NO. LD WB
PIGMENTED PART A

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERCOAT EPOXY NO. LD WB PIGMENTED PART A
VOC CONTENT: <250 GRAMS/LITER OR <2.09 #/GAL
CATEGORY: FLOOR COATING
COMMON NAME: EPOXY PAINT
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: FEBRUARY 2007
UPDATED: NOVEMBER 2017
PREPARED BY: DARREY F. MANUEL , PRESIDENT

SECTION II - HAZARD IDENTIFICATION

CLASSIFICATION OF MIXTURE
FLAMMABLE LIQUID – CATEGORY 4
ASPIRATION - CATEGORY 1
SPECIFIC TARGET ORGAN TOXICANT (CENTRAL NERVOUS SYSTEM) – CATEGORY 3
SPECIFIC TARGET ORGAN TOXICANT (RESPIRATORY IRRITANT) – 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. 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

THE AROMATIC SOLVENT PORTION CONTAINS THE FOLLOWING

SECTION 313 REPORTABLE INGREDIENTS:

COMPONENT | CAS NO. | % | HAZARD DATA | UN#
--- | --- | --- | --- | ---
1,2,4-TRIMETHYL BENZENE (PSEUDOCUMENE) | 95-63-6 | 55% | DOT LABEL: FLAMMABLE LIQUID OSHA PEL: 15mg/m3 TOTAL N/A | 1993

SECTION IV FIRST AID MEASURES

HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE

ROUTES OF EXPOSURE:

INHALATION: INHALATION OF HIGH VAPOR CONCENTRATION MAY HAVE RESULTS RANGING FROM DIZZINESS AND HEADACHES TO UNCONSCIOUSNESS. 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.

SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.

SKIN ABSORPTION: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.

EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT.
INHALATION:

Move to location fire 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 prompt medical attention.

SECTION VI ACCIDENTAL RELEASE MEASURES

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).

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Eliminate sources of ignition (flares, flames, pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up is complete. Prevent additional discharge of material. If possible, do so without hazards. For small spills, implement clean-up 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. Use non-combustible material; store and use in 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.

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.

SECTION VII HANDLING AND STORAGE

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 respiratory 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. Impermeable gloves, (chemical resistant) such as neoprene, latex or PVA.

OTHER CLOTHING AND EQUIPMENT: To prevent body contact, impermeable clothing and boots are recommended. Impermeable 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 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 respiratory 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. Impermeable gloves, (chemical resistant) such as neoprene, latex or PVA.

OTHER CLOTHING AND EQUIPMENT: To prevent body contact, impermeable clothing and boots are recommended. Impermeable 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:** 99°C / 210°F (760 mmHg)
- **Melting/Freezing Point:** -14°C / 7°F (AR100)
- **Vapor Pressure:** 1.97 mmHg@68°F/20°C (AR100)
- **Solubility in H2O % By WT:** 40-60%
- **Evaporation Rate (BuAc=1):** 0.27 SLOW (AR100)
- **pH (AS IS):** 8.5 to 9.5 TYPICAL
- **Specific Gravity (H2O=1):** 1.01
- **Vapor Density (AIR=1):** 4.2 (AR100)
- **pH (1% Soln):** N/A

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

### Acute Toxicity:
- **Inhalation:** May cause central nervous system effects. Based on test data for the material.
- **Ingestion:** Minimally toxic. Based on test data for structurally similar materials.
- **Skin:** Minimally toxic. Based on test data for the material.
- **Eye:** May cause mild, short-lasting discomfort to eyes. Based on test data for the material.

### Chronic/Other Effects
For the product itself: Vapor/Aerosol concentrations above recommended exposure.

### 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
Material expected to be readily biodegradable.

### Biodegradation
Material transformation due to hydrolysis not expected to be significant.

### Hydrolysis
Material transformation due to photolysis 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 XII ECOLOGICAL INFORMATION

- **Eutrophication:** Not expected to be significant.
- **Bioconcentration:** Not expected to be significant.
- **Bioaccumulation:** Not expected to be significant.
- **Marine Pollutant:** This product does not contain a material on the Marine Pollutants Table (HMT 172.101 Appendix B) Aromatic 100.

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

<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>
<tr>
<td>MARINE POLLUTANT</td>
<td></td>
<td></td>
<td></td>
<td>THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B) AROMATIC 100</td>
<td></td>
</tr>
</tbody>
</table>
**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.

**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 / RQ:** none established.

**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:**

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

<table>
<thead>
<tr>
<th>POWERCOAT EPOXY LD WB PIGMENTED PART A</th>
<th>NPCA-HMIS</th>
<th>NFPA 704</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

**KEY**

4 -- Severe

3 -- Serious

2 -- Moderate

1 -- Slight

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

HEALTH 1
FLAMMABILITY 2
REACTIVITY 2

SAFETY DATA SHEET
VEXCON NO. 112
POWERCOAT EPOXY LD WB
PIGMENTED PART B

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERCOAT EPOXY LD WB PIGMENTED PART B
VOC CONTENT: <250 GRAMS/LITER OR <2.09 #/GAL
CATEGORY: FLOOR COATING
COMMON NAME: EPOXYPAINT
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: MAY 1996
UPDATED: NOVEMBER 2017
PREPARED BY: DARRY F. MANUEL , PRESIDENT

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>BISPHENOL A EPOXY RESIN</td>
<td>25088-38-6</td>
<td>50-70%</td>
<td>N/D</td>
<td>3082</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (Petroleum), LIGHT AROMATIC</td>
<td>64742-95-6</td>
<td>30-50%</td>
<td>TLV 50ppm</td>
<td>1268</td>
</tr>
<tr>
<td>ETHYLENE GLYCOL MONOPROPYL ETHER (PROPYL CELLOSOLVE)</td>
<td>2807-30-9</td>
<td>1-5%</td>
<td>OSHA HAZARD: COMBUSTIBLE LIQUID, EXXON/MOBIL RCP 19ppm (TWA)</td>
<td>1993</td>
</tr>
<tr>
<td>EMULSIFIERS, PERFORMANCE ADDITIVES</td>
<td>N/A</td>
<td>0-5%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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>DOT LABEL: FLAMMABLE LIQUID</td>
<td>1993</td>
</tr>
<tr>
<td>XYLENES</td>
<td>1330-20-7</td>
<td>&lt;2.2%</td>
<td>DOT LABEL: FLAMMABLE LIQUID</td>
<td>1307</td>
</tr>
<tr>
<td>CUMENE</td>
<td>98-82-8</td>
<td>&lt;1.1%</td>
<td>DOT LABEL: FLAMMABLE LIQUID</td>
<td>1918</td>
</tr>
</tbody>
</table>

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.
SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.
SKIN ABSORPTION: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.
EYE CONTACT: THIS PRODUCT MAY BE AN EYE IRRITANT.

INHALATION / INHALATION CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING. 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 AR-100 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 DEAF THE SKIN POSSIBLY CAUSING DERMATITIS.

EMERGENCY AND FIRST AID PROCEDURES:

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

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

INHALATION: MAY CAUSE IRRITATION 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 PROMPT MEDICAL ATTENTION.

SECTION V FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: EXCLUDE AIR. FIRES INVOLVING THIS PRODUCT MAY BE CONTROLLED BY REGULAR FOAM, CARBON DIOXYDE, 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 LIQUID - 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, SOFT WELD, 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.

GENERAL HAZARD:

USE PROPER GROUNDING

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

USE PROPER GROUNDING

THE USE OF SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE SHOULD BE PROVIDED FOR FIREFIGHTERS IN BUILDINGS OR CONFINED AREAS WHERE THIS PRODUCT IS STORED.

STORAGE CONTAINERS OR EQUIPMENT INVOLVED 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 "FUEL" SUPPLY FROM FIRE. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

SECTION VI ACCIDENTAL RELEASE MEASURES

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).

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ELIMINATE SOURCES OF IGNITION (FLARES, FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEANUP IS COMPLETE. 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 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 SHOVED 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.

SHOCKING: 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 BE CONTAMINATED WITH THIS MATERIAL. KEEP AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, SPARKS. SOURCES OF IGNITION, ETC. USE WITH EXPLOSION PROOF EQUIPMENT IS HIGHLY ADVISABLE.

VENTILATION REQUIREMENTS: LOCAL MECHANICAL VENTILATION MAY BE SUITABLE 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 TASKS 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 SAFE GUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY.

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.

SECTION IX PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: (760mmHg) RANGE 161-171°C / 322-340 F (AR100)

MELT/FREEZING POINT: −14°C / 7 F (AR100)

VAPOR PRESSURE: 1.97 mmHg@68°F/20°C (AR100)

VAPOR DENSITY (AIR=1): 4.2 (AR100)

SOLUBILITY IN H2O % BY WT: 50-90%

SOLUBILITY IN H2O % BY WT: % VOLATILES BY VOL: 0.27 SLOW (AR100)

SPECIFIC GRAVITY (H2O=1): 0.996

PH (AS IS): N/A

PH (1% SOLN): N/A

APPEARANCE AND ODOR: CLEAR LIQUID WITH AROMATIC SOLVENT ODOR

FLASH POINT: (TEST METHOD) >42°C / 108°F (TCC) (AR100)

AUTO IGNITION 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 under recommended storage conditions. Avoid temperatures above 300°C (572°F). Potentially violent decomposition can occur above 350°C (662°F). Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid.

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

TOXICITY: DATA AVAILABLE

Inhalation: May be irritating to the respiratory tract. The effects are reversible based on test data for structurally similar materials.

Ingestion: LD50: 3000mg/kg

Minimally toxic. Based on test data for structurally similar materials.

Skin: LD50 >3160mg/kg

Minimally toxic. Based on test data for the material.

Irritation: Data available

Milk irritation to skin with prolonged exposure. Based on test data for the material.

Eye: Data available

May cause mild, short-lasting discomfort to eyes. Base on test data 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, anesthesis, drowsiness, unconsciousness and other central nervous system effects including death. Prolonged and/or repeated skin contact with low viscosity materials may defeat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated 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 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 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

DOT

Ground (Non Bulk): Non-Regulated

Air: Non-Regulated

IATA

Air: 1866 Resin Solution 3 III

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.

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.

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 / RQ: NONE ESTABLISHED

This product does not contain a material on the RQ Table (HMT 172.101 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
### 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)

<table>
<thead>
<tr>
<th>Component</th>
<th>NPCA-HMIS</th>
<th>NFPA 704</th>
<th>Key</th>
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<tbody>
<tr>
<td><strong>POWERCOAT EPOXY LD WB</strong></td>
<td></td>
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<td>3 -- SERIOUS</td>
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<tr>
<td><strong>PIGMENTED PART B</strong></td>
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<td>2 -- MODERATE</td>
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<td><strong>HEALTH</strong></td>
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<td>2 -- MODERATE</td>
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<tr>
<td><strong>FLAMMABILITY</strong></td>
<td>2</td>
<td>2</td>
<td>1 -- SLIGHT</td>
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<tr>
<td><strong>REACTIVITY</strong></td>
<td>2</td>
<td>2</td>
<td>0 -- MINIMAL</td>
</tr>
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