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

HEALTH 2
FLAMMABILITY 3
REACTIVITY 1

SAFETY DATA SHEET
VEXCON NO. CP107
POWERCOAT UV+ PIGMENTED PART A

SECTION I - GENERAL INFORMATION

PRODUCT IDENTIFICATION:
POWERCOAT UV+ PIGMENTED PART A

VOC CONTENT:
AS APPLIED <340 GR/LITER OR <2.84 PART A ONLY: 245 GR/LITER PART B ONLY: 200 GR/LITER

CATEGORY:
INDUSTRIAL MAINTENANCE COATING

COMMON NAME:
URETHANE COATING

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 2004

UPDATED:
JULY 2017

PREPARED BY:
DARRY F. MANUEL , PRESIDENT

SECTION II - HAZARD IDENTIFICATION

CLASSIFICATION OF MIXTURE
FLAMMABLE LIQUIDS – CATEGORY 2
ACUTE TOXICITY: INHALATION – CATEGORY 4
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY – SINGLE EXPOSURE – CATEGORY 3
ACUTE AQUATIC TOXICITY – CATEGORY 3

SINGLE WORD: DANGER

HAZARD STATEMENT: HIGHLY FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. HARMFUL TO AQUATIC LIFE.

PRECAUTIONARY STATEMENT: FLAMMABLE LIQUID: KEEP AWAY FOR HEAT/SPARKS/OPEN FLAMES/HOT SURFACES- NO SMOKING. USE ONLY WITH ADEQUATE VENTILATION: IF SWALLOWED, DO NOT INDUCE VOMITING: USE OF SOLVENT RESISTANT GLOVES, GOOGLES 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 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>SYRINGE ACRYLATE POLYMER</td>
<td>25036-16-2</td>
<td>20-40%</td>
<td>ND</td>
<td>NONE</td>
</tr>
<tr>
<td>TERTIARY BUTYL ACETATE</td>
<td>540-88-5</td>
<td>35-50%</td>
<td>OSHA HAZARD: FLAMMABLE LIQUID</td>
<td>1123</td>
</tr>
<tr>
<td>ETHYLENE GLYCOL MONOPROPYL ETHER</td>
<td>2807-30-9</td>
<td>1-5%</td>
<td>OSHA HAZARD: COMBUSTIBLE LIQUID</td>
<td>1993</td>
</tr>
<tr>
<td>2,6 DIMETHYL-4-HEPTANONE / DIISOBUTYL KETONE</td>
<td>108-83-8</td>
<td>&lt;1%</td>
<td>OSHA HAZARD: FLAMMABLE LIQUID</td>
<td>1157</td>
</tr>
<tr>
<td>PERFORMACE ADDITIVES AND FILLERS</td>
<td>N/A</td>
<td>1-5%</td>
<td>N/D</td>
<td>NONE</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (Petroleum), LIGHT AROMATIC</td>
<td>64742-95-6</td>
<td>1-5%</td>
<td>OSHA HAZARD: COMBUSTIBLE LIQUID</td>
<td>1268</td>
</tr>
<tr>
<td>PIGMENT 1. TITANIUM DIOXIDE (TiO2)</td>
<td>1363-67-1</td>
<td>1-5%</td>
<td>OSHA PEL: 15mg/m (total dust) ACGIH TLV: 25 ppm (TWA)</td>
<td>NONE</td>
</tr>
<tr>
<td>PIGMENT 2. CALCIUM CARBONATE</td>
<td>1317-65-3</td>
<td>5-15%</td>
<td>OSHA TWA 5.0 mg/m3 RESP.</td>
<td>NONE</td>
</tr>
</tbody>
</table>

THE 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-DIMETHYL BENZENE (PSEUDOOCMENE)</td>
<td>95-43-8</td>
<td>&lt;32.0%</td>
<td>OSHA HAZARD: FLAMMABLE LIQUID OSHA PEL: 40 ppm ACGIH TLV: 25 ppm NIOSH REL: 25 ppm (TWA) SARA SECTION 313 RD 100 lbs</td>
<td>1993</td>
</tr>
<tr>
<td>XYLENES</td>
<td>1330-20-7</td>
<td>&lt;2.0%</td>
<td>OSHA HAZARD: FLAMMABLE LIQUID OSHA Z1: 50 ppm (TWA) ACGIH TLV: 50 ppm (TWA) NIOSH REL: 25 ppm (TWA) SARA SECTION 313 TOTAL</td>
<td>1307</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>&lt;1.1%</td>
<td>OSHA Z1: 50 ppm (TWA) ACGIH TLV: 50 ppm (TWA) SARA SECTION 313 TOTAL</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. TERTIARY BUTYL ACETATE AND AROMATIC 100 SOLVENT COMPONENTS.

SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. TERTIARY BUTYL ACETATE AND AROMATIC 100 SOLVENT COMPONENTS.

SKIN ABSORPTION: THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. TERTIARY BUTYL ACETATE AND AROMATIC 100 SOLVENT COMPONENTS.
**PROCEDURES AND HAZARD:**

**STATIC ELECTRO-HAZARD:**

**MEDIA:**

**EXTINGUISHING INGESTION:**

**SKIN:**

**OVEREXPOSURE:**

**ACUTE OVEREXPOSURE:**

**EFFECTS OF INHALATION / INGESTION / EYE CONTACT:**

- **EXCESSIVE HEAT:** IF STORAGE CONTAINERS ARE EXPOSED TO UNDER NORMAL CONDITIONS IN THE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASH POINT.

- **KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGNITION.**

**OVEREXPOSURE:**

**REFERENCES:**

**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 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. 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 COMFORMITY 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 CLOTHING AND FLUSH AFFECTED BODY AREAS WITH WATER. CLOTHING MUST BE WASHED AND DRIED BEFORE REUSE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPLOYED SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUE, LIQUID OR SOLIDS. ALL HAZARDS 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 WELLY 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 NITRILE, LATEX OR PVP.

**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

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>98°C</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>~62°C</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>41.5 mmHg @ 68°F/25°C</td>
</tr>
<tr>
<td>Solubility in H2O % by WT</td>
<td>2.8 MEDIUM</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>4.0 (TBAc)</td>
</tr>
<tr>
<td>pH (AS IS)</td>
<td>N/A</td>
</tr>
<tr>
<td>pH (1% SOLN)</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>CLEAR LIQUID WITH PAINT SOLVENT</td>
</tr>
<tr>
<td>Flash Point (TEST METHOD)</td>
<td>4°C / 39°F (TCC) (TBAc)</td>
</tr>
<tr>
<td>Autoignition Temp</td>
<td>517°C / 964°F (TBAc)</td>
</tr>
<tr>
<td>Flammable Limits in Air, % by Vol:</td>
<td>LOWER: 1.2%  UPPER: 6.9% (TBAc)</td>
</tr>
</tbody>
</table>

SECTION X STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>IMPACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>THIS PRODUCT IS STABLE.</td>
</tr>
<tr>
<td>Incompatible</td>
<td>THIS PRODUCT IS INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES, AND SELECTED AMINES.</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION PRODUCTS</td>
<td>THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE, AND UNIDENTIFIED ORGANICS.</td>
</tr>
<tr>
<td>Conditions contributing to hazard</td>
<td>N/A WILL NOT OCCUR</td>
</tr>
</tbody>
</table>

SECTION XI TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Species</th>
<th>LC50 (Vapor)</th>
<th>LC50 (Oral)</th>
<th>LD50 (Rabbit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>RAT</td>
<td>4211 ppm</td>
<td>4500 MG/KG</td>
<td>&gt;2000 MG/KG</td>
</tr>
<tr>
<td>LD50</td>
<td>RABBIT</td>
<td></td>
<td>&gt;2000 MG/KG</td>
<td>BWT</td>
</tr>
<tr>
<td>LD50</td>
<td>MOUSE</td>
<td></td>
<td></td>
<td>BWT</td>
</tr>
</tbody>
</table>

### ACUTE EFFECTS

**Inhalation**
- VAPORS OR AEROSOL MAY CAUSE IRRITATION OF THE EYES, NOSE AND THROAT AS WELL AS CNS DEPRESSION (FATIGUE, DIZZINESS, LOSS OF CONCENTRATION, WITH COLLAPSE, COMA AND DEATH POSSIBLE IN CASES OF SEVERE OVER EXPOSURE), INHABITATION OF AIRBORNE DROPLETS MAY CAUSE IRRITATIONS OF THE RESPIRATORY TRACT.

**Ingestion**
- MAY CAUSE CNS DEPRESSION, GASTRIC DISECOMFORT, AND VOMITING. THIS MATERIAL IS AN ASPIRATION

SECTION XII ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity fish</td>
<td>LC50/96 HOURS</td>
</tr>
<tr>
<td>Acute Toxicity to aquatic invertebrates</td>
<td>EC30/48 HOURS</td>
</tr>
<tr>
<td>Tox to aquatic plants</td>
<td>EC50/96 HOURS</td>
</tr>
<tr>
<td>Tox to microorganism</td>
<td>EC3/16 HOURS</td>
</tr>
<tr>
<td>Acute Toxicity to fish</td>
<td>NON DATA AVAILABLE</td>
</tr>
<tr>
<td>Acute Toxicity to aquatic invertebrates</td>
<td>NON DATA AVAILABLE</td>
</tr>
</tbody>
</table>
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).


REACTIVITY: THIS MATERIAL IS NOT CONSIDERED TO BE EMITTANT AND PARTITION PREDOMINANTLY TO THE ATMOSPHERE. ACCIDENTAL RELEASES TO WATER OR SOIL ARE EXPECTED TO BE EVAPORATED AND UNDERGO ATMOSPHERIC DECOMPOSITION PROCESSES.

MOBILITY: BEHAVIOR IN ENVIRONMENTAL COMPARTMENTS: RELEASED MATERIAL WOULD BE EXPECTED TO SHOW HIGH SOIL MOBILITY AND TO VOLATILIZE READILY FORM SOIL NAD SURFACE WATERS, FORMING ATMOSPHERIC VAPOR.

PERSISTENCE AND DEGRADABILITY: BIODEGRADATION EXPECTED TO HYDROLYZE SLOWLY IN WATER (HALF-LIFE CA 0.5 YEARS OR LONGER); ATMOSPHERIC VAPORS EXPECTED TO BE PHOTOCHEMICALLY DEGRADATED BY REACTION WITH HYDROXYL RADICALS (HALS LIKE 19.7 DAYS). INHERENTLY BIODEGRADABLE.

BIOACCUMULATION: BIOCONCENTRATION FACTOR (BCF) 5.61 (QSAR CALCULATED VALUE) THIS MATERIAL IS NOT EXPECTED TO BIOACCUMULATE.

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>
<th>Quantity Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>GROUND</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>II</td>
<td>ORMID - Max 30Kg gross wt (66lbs)</td>
</tr>
<tr>
<td>IATA</td>
<td>AIR</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>II</td>
<td>Passenger Aircraft - 5L Cargo Aircraft - 60L</td>
</tr>
<tr>
<td>IMDG</td>
<td>OCEAN</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>II</td>
<td></td>
</tr>
<tr>
<td>MARINE POLLUTANT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. VEXCON DISCLAIMS ALL RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN.
## SECTION I - GENERAL INFORMATION

### PRODUCT IDENTIFICATION:
**POWERCOTE UV+ PIGMENTED PART B**

**VOC CONTENT:** AS APPLIED < 340 GR/LITER OR < 2.84#/GAL

**CATEGORY:** INDUSTRIAL MAINTENANCE COATING

**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 2004

**UPDATED:** JULY 2017

**PREPARED BY:** DARRY F. MANUEL, PRESIDENT

### CLASSIFICATION OF MIXTURE

**FLAMMABLE LIQUIDS - CATEGORY 2**

**ACUTE TOXICITY; INHALATION - CATEGORY 4**

**SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY - SINGLE EXPOSURE - CATEGORY 3**

**ACUTE AQUATIC TOXICITY - CATEGORY 3**

### SINGLE WORD: DANGER

**HAZARD STATEMENT:** HIGHLY FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. HARMFUL TO AQUATIC LIFE.

**PRECAUTIONARY STATEMENT:** FLAMMABLE LIQUID: KEEP AWAY FROM HEATS/SPARKS/OPEN FLAMES/HOT SURFACES: NO SMOKING. 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.

### MATERIALS OR COMPONENTS

<table>
<thead>
<tr>
<th>MATERIAL OR COMPONENTS</th>
<th>CAS NO.</th>
<th>%</th>
<th>HAZARD DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane, 1, 6 DISOCYANATO-, HOMOPOLYMER</td>
<td>28182-81-2</td>
<td>30-40%</td>
<td>ACGIH TLV 0.005 PPM</td>
</tr>
<tr>
<td>Tertiary Butyl Acetate</td>
<td>540-86-5</td>
<td>50-60%</td>
<td>OSHA HAZARD: FLAMMABLE LIQUID</td>
</tr>
<tr>
<td>Butyl Acetate</td>
<td>1123-86-4</td>
<td>1-5%</td>
<td>OSHA HAZARD: FLAMMABLE LIQUID</td>
</tr>
<tr>
<td>Solvent Naphtha (Petroleum), LIGHT AROMATIC</td>
<td>64742-95-6</td>
<td>1-5%</td>
<td>OSHA HAZARD: COMBUSTIBLE LIQUID</td>
</tr>
<tr>
<td>Hexamethylene Disocyanate</td>
<td>822-06-0</td>
<td>&lt;0.2%</td>
<td>NIOSH REL 0.005 ppm</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>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-TRIMETHYL BENZENE (PSEUDOCUMENE)</td>
<td>95-83-6</td>
<td>&lt;32%</td>
<td>OSHA PEL: NE ACGIH TLV: 25ppm (TWA)</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>&lt;2.2%</td>
<td>OSHA Z1 100ppm (TWA)</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>&lt;1.1%</td>
<td>OSHA Z1 50ppm (TWA)</td>
</tr>
</tbody>
</table>

### SECTION II - HAZARD IDENTIFICATION

**HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE**

**HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>MATERIAL OR COMPONENTS</th>
<th>CAS NO.</th>
<th>%</th>
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<tbody>
<tr>
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<tr>
<td>Tertiary Butyl Acetate</td>
<td>540-86-5</td>
<td>50-60%</td>
<td>OSHA HAZARD: FLAMMABLE LIQUID</td>
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<td>Butyl Acetate</td>
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<tr>
<td>Hexamethylene Disocyanate</td>
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<td>&lt;0.2%</td>
<td>NIOSH REL 0.005 ppm</td>
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</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>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-TRIMETHYL BENZENE (PSEUDOCUMENE)</td>
<td>95-83-6</td>
<td>&lt;32%</td>
<td>OSHA PEL: NE ACGIH TLV: 25ppm (TWA)</td>
</tr>
<tr>
<td>Xylenes</td>
<td>1330-20-7</td>
<td>&lt;2.2%</td>
<td>OSHA Z1 100ppm (TWA)</td>
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<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>&lt;1.1%</td>
<td>OSHA Z1 50ppm (TWA)</td>
</tr>
</tbody>
</table>

### SECTION IV - FIRST AID MEASURES

**HEALTH**

**ROUTES OF EXPOSURE:**

**TOXIC IF INHALED. MAY CAUSE SHORTNESS OF BREATH, INTOXICATION, HEADACHE, NAUSEA, VOMITING, RESPIRATORY TRACT INFECTIONS.**

**INHALATION:**

This product may create breathing difficulties. Dizziness. Lightheadedness when working in areas with high vapor concentration. Aromatic Solvent and Butyl Acetate Components.

**SKIN CONTACT:**

This product may cause skin irritation upon prolonged or repeated contact. Aromatic Solvent and Butyl Acetate Components.

**SKIN ABSORPTION:**

Be harmful if absorbed through the skin. May cause irritation. May cause harmful allergic reaction. This product may cause skin irritation upon prolonged or repeated contact. Aromatic Solvent and Butyl Acetate Components.

**EYE CONTACT:**

This product may be an eye irritant. Aromatic Solvent and Butyl Acetate Components.
INGESTION / INHALATION

SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION. CHEMICALS MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

EFFECTS OF OVEREXPOSURE:

TLV 50 ppm AROMATIC SOLVENT AND BUTYL ACETATE COMPONENTS, 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. 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 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 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, SOLDER, DRILL, OR GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. WASTE DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER, OR PROPERLY DISPOSED OF.

ELECTRO-STATIC ACCUMULATION HAZARD:

THIS PRODUCT IS EXTREMELY FLAMMABLE AND EXPLOSIVE UNDER NORMAL CONDITIONS IN THE PRESENCE OF FLAME OR SPARK 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 BAC. KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGNITION.

UNUSUAL FIRE AND EXPLOSION HAZARD:

THE USE OF SELF-CONTAINED BREATHING APPARATUS OR OTHER PROTECTIVE MEASURES IS RECOMMENDED FOR PERSONNEL WORKING IN THE VICINITY OF THE FIRE. USE 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 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

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

ELIMINATE SOURCES OF IGNITION: FLARES, PILES, LIGHTS, ELECTRICAL SPARKS. PREVENT ADDITIONAL DISCHARGE OF MATERIAL: IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS, IMPLEMENT CLEANUP PROCEDURES. FOR LARGE SPILLS, IMPLEMENT CLEANUP PROCEDURES AND 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. THIS PRODUCT REACTS WITH WATER.

WATER SPILL: THIS PRODUCT REACTS WITH WATER. REMOVE FROM SURFACE BY SKIMMING OR WITH SUITABLE ABSORBENTS. IF ALLOWED BY LOCAL AUTHORITIES AND ENVIRONMENTAL AGENCIES, SINKING AND/OR SUITABLE DISPERSANTS MAY BE USED IN NON-CONFINED WATERS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO 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: THIS PRODUCT REACTS WITH WATER. 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.

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 UPON 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
SECTION IX PHYSICAL / CHEMICAL CHARACTERISTICS

**BOILING POINT:** (760mmHg) 98°C / 208°F (TBAc)
**MELTING/FREEZING POINT:** −62°C / 79°F (TBAc)
**VAPOR PRESSURE:** 41.5 mmHg@25°C (TBAc)
**SOLUBILITY IN H2O % BY WT:** Miscible
**EVAPORATION RATE (BuAc=1):** 2.8 MEDIUM (TBAc)
**pH (AS IS):** 7.0 (TBAc)
**SPECIFIC GRAVITY (H2O=1):** 0.945
**VAPOR DENSITY (AIR=1):** 4.0 (TBAc)

SECTION X STABILITY AND REACTIVITY

**CONDITIONS CONTRIBUTING TO INSTABILITY:**
This product reacts with water and high temperatures.

**INCOMPATIBILITY:**
This product is incompatible with water, 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

<table>
<thead>
<tr>
<th>ACUTE TOXICITY</th>
<th>LC50/10 (VAPOR)</th>
<th>RAT</th>
<th>4211 ppm</th>
<th>6 HOURS</th>
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</thead>
<tbody>
<tr>
<td>LD50 (VAPOR)</td>
<td>RABBIT</td>
<td>&gt;2000 mg/kg BWT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 (ORAL)</td>
<td>RABBIT</td>
<td>4906 mg/kg BWT</td>
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<td></td>
</tr>
</tbody>
</table>

**ACUTE EFFECTS:**
Inhalation: Vapors or aerosol may cause irritation of the eyes, nose and throat as well as CNS depression (fatigue, dizziness, loss of concentration, with collapse, coma and death possible in cases of severe over exposure), inhalation of airborne droplets may cause irritations of the respiratory tract.

**INGESTION:** Rat causes CNS depression, gastric discomfort, and vomiting. This material is an aspiration hazard.

**SKIN CONTACT:** No systemic toxicity is expected from acute dermal exposure.

**IRRITATION:** Skin not a skin irritant; eyes no eye irritation

**SENSITIZATION:** Does not induce skin sensitization.

SECTION XII ECOLOGICAL INFORMATION

**ACUTE FISH TOXICITY:** LC50/5 S 82.5 mg/l
**ACUTE TOXICITY TO MICROORGANISMS:** EC/50 24 HOURS 48 mg/l

**MOBILITY:** Behavior in environmental compartments; released material would be expected to show high soil mobility and to volatilize readily forming soil and/or surface waters, forming atmospheric vapors.

**ENVIRONMENTAL FATE AND PATHWAYS:** Biodegradation, expected to hydrolyze slowly in water (half-life Ca 0.5 years or longer), atmospheric vapors expected to be photochemically degraded by reaction with hydroxyl radicals (nails with 19.7 days) inherently biodegradable.

**PERSISTENCE AND DEGRADABILITY:**

**ACUTE TOXICITY TO INVERTEBRATES:** EC/50 24 HOURS 48 mg/l
**EC8/60 96 HOURS 2.8 mg/l
**EC6/HOURS 120 mg/l

**OTHER ADVERSE EFFECTS:**
Expected to show low toxicity to higher plants

**CHRONIC TOXICITY TO FISH:** NO DATA AVAILABLE

**CHRONIC TOXICITY TO INVERTEBRATES:**

**ECOTOXICITY:**

**EC8/60 96 HOURS 2.8 mg/l
**EC6/HOURS 120 mg/l

**OTHER ADVERSE EFFECTS:**
Expected to be emitted and partition to the atmosphere, accidental releases to water or soil are expected to evaporate and undergo atmospheric decomposition processes.

**MOBILITY:**
Behavior in environmental compartments; released material would be expected to show high soil mobility and to volatilize readily forming soil and/or surface waters, forming atmospheric vapors.

**ENVIRONMENTAL FATE AND PATHWAYS:**

 Expected to hydrolyze slowly in water (half-life Ca 0.5 years or longer), atmospheric vapors expected to be photochemically degraded by reaction with hydroxyl radicals (nails with 19.7 days) inherently biodegradable.

**ACUMULATION:**
Bioaccumulation expected to increase if direct contact with organism (BCF 5.61 (QSAR calculated value) this material is not expected to bioaccumulate

**OTHER ADVERSE EFFECTS:**
This material is not considered persistent by EPA, and is not expected to contribute to the greenhouse gas effect.
STRATOSPHERIC OZONE DEPLETION. TROPOSPHERIC OZONE FORMATION, OR PARTICULATE MATTER FORMATION.

SECTION XIII DISPOSAL CONSIDERATIONS

AQUATIC TOXICITY (E.G. 96 HR. TLM): THIS PRODUCT REACTS WITH WATER. 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, 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>
<th>Quantity Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>GROUND</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>II</td>
<td>ORMID - Max 30kg gross wt (66lbs)</td>
</tr>
<tr>
<td>IATA</td>
<td>AIR</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>II</td>
<td>Passenger Aircraft - 5L Cargo Aircraft - 60L</td>
</tr>
<tr>
<td>IMDG</td>
<td>OCEAN</td>
<td>1866</td>
<td>RESIN SOLUTION</td>
<td>3</td>
<td>II</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 UVCB (UNKNOWN, VARIABLE COMPOSITION OR BIOLOGICAL) CHEMICAL AT CAS REGISTRY NUMBER 540-88-5 (TERTIARY BUTYL ACETATE).

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 5,000 POUNDS (BUTYL ACETATE).

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 IF THIS PRODUCT BECOMES A WATER MATERIAL, IT WOULD BE AN IGNITABLE HAZARDOUS WASTE. HAZARDOUS WASTE NUMBER D001. REFER TO LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

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.


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

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HMIS HAZARD RATINGS:

<table>
<thead>
<tr>
<th>POWERCOAT UV+ PIGMENTED PART B</th>
<th>NPCA -HMIS</th>
<th>NFPA 704</th>
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</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

KEY

1 -- MINIMAL
2 -- MODERATE
3 -- SERIOUS
4 -- SEVERE

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