# SAFETY DATA SHEET
## POLYASPARTIC PLATINUM 85 PART A

## SECTION 1. PRODCT IDENTIFICATION

**PRODUCT NAME:** Polyaspartic85-ULTRA Part A
**PRODUCT CODES:** PAE85ULT-A
**MANUFACTURER:** Epoxy2U, LLC
**DIVISION:** High Perfomance Coating
**ADDRESS:** 4602 S 36th St, Phoenix, AZ 85040

**EMERGENCY PHONE:** 800-255-3924
**CHEMTEL PHONE:** 800-255-3924
**OTHER CALLS:**
**EMAIL:** INFO@EPOXY2U.COM
**CHEMICAL NAME:**
**CHEMICAL FAMILY:**
**CHEMICAL FORMULA:**

## SECTION 2. HAZARDS INDENTIFICATION

**GHS Classification**

| | |
|---|---|
| Skin Sensitization | Category 1 |
| Flammable Liquids | Category 4 |
| Skin Irritation | Category 2 |
| Eye Irritation | Category 2 |
| GHS Pictogram |  |
| **Signal Word** | Warning |
| **Appearance** | Clear Viscous Liquid |
| **Physical State** | Liquid |
| **Odor** | Solvent |
| **Hazard Statements** | Causes skin irritation<br>Causes serious eye irritation<br>May cause an allergic skin reaction<br>May cause respiratory irritation<br>Combustible Liquid |
| **Precautionary Statement(s):** | |
| Prevention | Do not handle until all safety precautions have been read and understood. Keep container tightly closed.<br>Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.<br>Wash skin thoroughly after handling.<br>Do not eat, drink or smoke when using this product.<br>Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.<br>Wear protective gloves/ protective clothing/ eye protection/ face protection. |

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| | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.<br>IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.<br>IF INHALED: Remove victim to fresh air and keep comfortable for breathing.<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>Call a POISON CENTER or doctor/ physician if you feel unwell.<br>Take off contaminated clothing and wash before reuse.<br>If skin irritation or rash occurs: Get medical advice/ attention.<br>If eye irritation persists: Get medical advice/ attention.<br>In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. |
| Storage | Store in a well-ventilated cool place. Keep container tightly closed. Store locked up. |
| Disposal | Dispose of contents/ container to an approved waste disposal plant. |
| **Hazards not otherwise classified** | Combustible<br>Severe eye irritant<br>Severe respiratory irritant<br>May cause sensitization by skin contact |

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | % by Weight |
|---|---|---|
| Aspartic Ester | TD | 70-100 |
| Trimethylpentanediol Diisobutyrate | 6846-50-0 | 2-10 |

***Note**: This product may contain additional ingredients that are classified as non-hazards or at a very small concentration that do not meet the regulatory concentration limits for disclosure.*

## SECTION 4. FIRST-AID MEASURES

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| **General Advice** | Move out of dangerous area. Consult a physician with this SDS. Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated.<br>If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. |
| **Eye Contact** | Immediately flush eyes with plenty of water for at least 20 minutes.<br>Check and remove any contact lenses. Continue rinsing.<br>Get medical attention if irritation persists. |
| **Skin Contact** | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water for at 20 minutes.<br>Get medical attention if irritation develops or persists. |
| **Inhalation** | Move to fresh air and keep at rest in a position comfortable for breathing.<br>If not breathing or breathing is irregular, provide artificial respiration or give oxygen by trained personnel.<br>Get medical attention immediately. |
| **Ingestion** | Never give anything by mouth to an unconscious person.<br>DO NOT induce vomiting. Rinse mouth with water.<br>Get medical attention immediately. |
| **Most Important Symptoms/ Effect, Acute and Delayed** | Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat, eye disease, skin disorders, allergies, asthma, and neurological disorders. |

**Immediate Medical Attention and Special Treatment**

*Note to Physicians*: Application of corticosteroid cream has been effective in treating skin irritation.

## SECTION 5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Media | For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide.<br>For large fires, apply water from as far as possible.<br>Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective.<br>Cool all affected containers with flooding quantities of water. |
| Specific Hazards Arising from the Substances of Mixture | Incomplete combustion may form carbon monoxide.<br>May generate ammonia gas. May generate toxic nitrogen oxide gases.<br>Burning produces noxious and toxic fumes.<br>Downwind personnel must be evacuated.<br>Use personal protective equipment. |
| Special Protective Equipment for Firefighters | Wear self-contained breathing apparatus for firefighting if necessary |
| Further Information | Do not allow run-off from firefighting to enter drains or water courses.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions, Protective Equipment, and Emergency Producers | Wear suitable protective clothing, gloves, and eye/face protection.<br>Avoid breathing vapors/mist/gas.<br>Ensure adequate ventilation. Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapors accumulating to form explosive concentrations.<br>Vapors can accumulate in low areas.<br>For personal protection see section 8. |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so.<br>Do not let product enter drains.<br>Discharge into the environment must be avoided. |
| Methods and Materials for Containment and Cleaning-up | Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. |
| Additional Advice | For disposal see section 13. |

## SECTION 7. HANDLING AND STORAGE

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| Precautions for Safe Handling | Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.<br>Put on appropriate personal protective equipment before handling.<br>Keep away from sources of ignition - No smoking.<br>Take measures to prevent the buildup of electrostatic charge. |
| Conditions for Safe Storage | Store in cool place.<br>Keep container tightly closed in a dry and well-ventilated place.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage. |
| Hygiene Practice | Eating, drinking and smoking should be prohibited in areas where this material is handled.<br>Wash hands thoroughly after handling. |

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Engineer Controls | Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below recommended exposure limits. |

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| | Wear appropriate personal protective equipment where such systems are not effective to perform satisfactorily and meets OSHA or other recognized standards.<br>Handle in accordance with good industrial hygiene and safety practice.<br>Wash hands before breaks and at the end of workday. |
| **Personal Protection Equipment -** | |
| Eye/Face Protection | Tightly fitted safety goggles.<br>Face shield (8-inch minimum).<br>Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). |
| Skin Protection | Handle with gloves. Gloves must be inspected prior to use.<br>Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.<br>Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.<br>Wash and dry hands after handling or before eating, drinking, or smoking.<br><br>If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves.<br>This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers.<br>It should not be construed as offering an approval for any specific use scenario. |
| Body Protection | Impervious clothing.<br>Closed-toe shoe.<br>Flame retardant antistatic protective clothing.<br>The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. |
| Respiratory Protection | Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.<br>If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). |
| **Environmental Exposure Controls** | Prevent further leakage or spillage if safe to do so.<br>Do not allow product enter into sewers or waterways. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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| **Physical State** | Viscous liquid |
| **Color** | Clear |
| **Odor** | Solvent |
| **Odor Threshold** | No data available |
| **pH** | No data available |
| **Melting Point / Freezing Point** | No data available |
| **Boiling Point/Range** | No data available |
| **Flash Point** | No data available |
| **Evaporation Rate** | No data available |
| **Flammability (solid/gas)** | No data available |
| **Upper/lower Flammability Limit** | No data available |
| **Vapor Pressure** | No data available |

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| **Vapor Density** | No data available |
| **Relative Density** | 1.010 g/cm3 at 77°F (25°C) |
| **Water Solubility** | <0.1 g/L |
| **Partition Coefficient: n-octanol/water** | No data available |
| **Auto-Ignition Temperature** | No data available |
| **Decomposition Temperature** | No data available |
| **Viscosity** | 50-150 CPS at 77°F (25°C) |
| **Explosive Properties** | No data available |
| **Oxidizing Properties** | No data available |

## SECTION 10. STABILITY AND REACTIVITY

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| **Control Parameters** | No data available |
| **Chemical Stability** | Stable under recommended storage conditions |
| **Possibility of Hazardous Reaction** | No data available |
| **Conditions to Avoid** | Heat, flames, sparks, and oxidizing agents |
| **Incompatible Materials** | Reactive metals (Sodium, Calcium, Zinc, etc.)<br>Materials reactive with hydroxyl compounds<br>Organic acids (acetic acid, citric acid, etc.)<br>Mineral acids<br>Sodium hypochlorite<br>Product slowly corrodes copper, aluminum, zince, and galvanized surfaces.<br>Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion<br>Oxidizing agents |
| **Hazardous Decomposition Products** | Nitric acid<br>Ammonia<br>Nitrogen oxides (NOx)<br>Nitrogen oxide can react with water vapors to form corrosive nitric acid<br>Carbon monoxide<br>Carbon dioxide (CO2)<br>Aldehydes<br>Flammable hydrocarbon fragments<br>In the event of fire: see section 5 |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Information on the Likely Routes of Exposure**

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| Eye Contact | Cause eye irritation |
| Skin Contact | Cause skin irritation |
| Inhalation | No data available |
| Ingestion | No data available |

**Symptoms Related to Physical, Chemical, and Toxicological Effects**

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|---|---|
| Eye Contact | Cause eye irritation |
| Skin Contact | Cause skin irritation |
| Inhalation | Stomachache, nausea, vomiting |
| Ingestion | Dullness, vision disorder, blindness |

**Chronic Toxicity / Effects from Long Term Exposure**

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|---|---|
| Sensitization | Skin sensitizer |
| Germ Cell Mutagenicity | No data available |
| Carcinogenicity | No data available |
| Reproductive Toxicity | No data available |
| Specific Target Organ Systemic Toxicity (Single Exposure) | No data available |
| Specific Target Organ Systemic Toxicity (Repeated Exposure) | No data available |

**Products Numerical Measures of Toxicity** –
Not determined

**Additional Information** –
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12. ECOLOGICAL INFORMATION

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| **Aquatic Life** | No data available |
| **Persistence and Degradability** | No data available |
| **Bio accumulative Potential** | No data available |
| **Mobility in Soil** | No data available |
| **Results of PBT and vPvB Assessment** | No data available as chemical safety assessment not required/not conducted |
| **Other Adverse Effects** | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.<br>Toxic to aquatic life with long lasting effects. |

## SECTION 13. DISPOSAL CONSIDERATIONS

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| **Waste/Unused Products** | Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable.<br>This product should not be allowed to enter drains, water courses or the soil<br>Offer surplus and non-recyclable solutions to a licensed disposal company.<br>Contact a licensed professional waste disposal service to dispose of this material.<br>Contact supplier if guidance is required. |
| **Contaminated Packaging** | Dispose of container and unused contents in accordance with federal, state, and local requirements. |

## SECTION 14. TRANSPORT INFORMATION

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| **DOT (US)** | Not Dangerous Goods |
| **IMO/IMDG** | Not Dangerous Goods |
| **ICAO/IATA** | Not Dangerous Goods |

## SECTION 15. REGULATORY INFORMATION

**UNITED STATES**

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| **TSCA 8 (b) Inventory Status** | All Components are listed or exempt from listing on the Toxic Substances Control Act Inventory. |
| **TSCA 12 (b) Export Notification** | None above reporting de minimus. |
| **SARA 302 Components** | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. |

| | | |
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| **SARA 313 Components** | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. | |
| **SARA 311/312 Hazards** | Acute health hazard | Yes |
| | Chronic health hazard | No |
| | Fire hazard | No |
| | Sudden release of pressure hazard | No |
| | Reactive hazard | No |
| **California Prop. 65 Components** | This product may contain chemical known to the State of California to cause birth defects or other reproductive harm. | |

**CANADA**

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| **CEPA DSL/NDSL Status** | All components are listed or exempt from listing on the Domestic Substances List. |

## SECTION 16. OTHER INFORMATION

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|---|---|
| Health Hazard | 2 |
| Flammability | 1 |
| Physical Hazard | 0 |

**NFPA Rating**

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|---|---|
| Health Hazard | 2 |
| Fire Hazard | 1 |
| Reactivity Hazard | 0 |

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe. handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given.