SAFETY DATA SHEET

POLYASPARTIC PLATINUM 85 PART B

SECTION 1. IDENTIFICATION

PRODUCT NAME: Polyaspartic85 Part B
PRODUCT CODES: PAE85ULT-B
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:
CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

SECTION 2. HAZARDS INDENTIFICATION

GHS Classification

Skin Sensitization	Category 1
Respiratory Sensitization	Category 1
Acute Toxicity (Inhalation)	Category 4
STOT SE: Cause respiratory irritation	Category 3

GHS Pictogram

Signal Word DANGER
Appearance Clear Viscous Liquid
Physical State Liquid
Odor Solvent
Hazard Statements Harmful if inhaled
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
May cause respiratory irritation

Precautionary Statement(s) -
Prevention

Do not handle until all safety precautions have been read and understood.
Keep container tightly closed.
Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER or doctor/ physician if you feel unwell.
Take off contaminated clothing and wash before reuse.
If skin irritation or rash occurs: Get medical advice/ attention.
If eye irritation persists: Get medical advice/ attention.
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
Severe eye irritant
Severe respiratory irritant
May cause sensitization by skin contact

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	% by Weight
Homopolymer of Hexamethylene Diisocyanate	28182-81-2	80-100
Hexamethylene-di-isocyanate	822-06-0	<0.9

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

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.
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.
Check and remove any contact lenses. Continue rinsing.
Get medical attention if irritation persists.

Skin Contact

Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water for at 20 minutes.
Get medical attention if irritation develops or persists.

Inhalation

Move to fresh air and keep at rest in a position comfortable for breathing.
If not breathing or breathing is irregular, provide artificial respiration or give oxygen by trained personnel.
Get medical attention immediately.

Ingestion

Never give anything by mouth to an unconscious person.
DO NOT induce vomiting. Rinse mouth with water.
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

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam, Powders, Carbon dioxide.
Specific Hazards Arising from the Substances of Mixture	Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.
Special Protective Equipment for Firefighters	Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.
Further Information	Do not allow run-off from firefighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Producers	Wear suitable protective clothing, gloves, and eye/face protection. Avoid breathing vapors/mist/gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. 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

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

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters	Hexamethylene –di-isocyanate (CAS: 822-06-0) Threshold Limit Value: ACGIH 0.005ppm National Institute for Occupational Safety and Health

Engineer Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below recommended exposure limits. Wear appropriate personal protective equipment where such systems are not effective to perform satisfactorily and meets OSHA or other recognized standards. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal Protection Equipment -	
Eye/Face Protection	Tightly fitted safety goggles. Face shield (8-inch minimum). 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. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands after handling or before eating, drinking, or smoking. 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. 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. It should not be construed as offering an approval for any specific use scenario.
Body Protection	Impervious clothing. Closed-toe shoe. Flame retardant antistatic protective clothing. 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. 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. Do not allow product enter into sewers or waterways.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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
Vapor Density	No data available
Relative Density	1.175 g/cm^3 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
VOC	0 g/L

SECTION 10. STABILITY AND REACTIVITY

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.) Materials reactive with hydroxyl compounds Organic acids (acetic acid, citric acid, etc.) Mineral acids Sodium hypochlorite Product slowly corrodes copper, aluminum, zince, and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion Oxidizing agents
Hazardous Decomposition Products	Nitric acid Ammonia Nitrogen oxides (NOx) Nitrogen oxide can react with water vapors to form corrosive nitric acid Carbon monoxide Carbon dioxide (CO2) Aldehydes Flammable hydrocarbon fragments In the event of fire: see section 5

SECTION 11. TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure

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

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

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

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. Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

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. This product should not be allowed to enter drains, water courses or the soil Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. 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

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

SECTION 15. REGULATORY INFORMATION

UNITED STATES

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.
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 Yes Fire hazard No Sudden release of pressure hazard No Reactive hazard Yes
California Prop. 65 Components	This product may contain chemicals known to the State of California to cause birth defects or other reproductive harm.

CANADA

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

SECTION 16. OTHER INFORMATION

Health Hazard	2
Flammability	1
Physical Hazard	0
NFPA Rating	
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.