

# Alliance Specialty Products

High Performance Polymers

## Material Safety Data Sheet

**Product Name:** ASP 221 Polyaspartic 95% Resin

HMIS CODES: H F R P

**Product Code:** 221PA-95 Part A

3 1 0 C

### Section 1: Manufacturer Identification

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Manufacturer's Name: Alliance Specialty Products

Address: 2500 Sherwood Avenue  
Charlotte, NC 28207

Phone: (704) 342-1977

Date Last Reviewed: 06/19/08

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**CHEMICAL EMERGENCY CALL: 1-800-535-5053**

### Section 2: Composition

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Ingredient	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %
Aspartic Ester	Trade Secret	N/E	N/E	N/E	>80%
Aldimine	54914-37-3	N/E	N/E	N/E	10-15%
3-Ethoxypropanoic Acid, Ethyl Ester	763-69-9	N/E	N/E	N/E	<2%

### Section 3: Physical and Chemical Properties

### Section 4: Fire-Fighting Measures

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Boiling Point: Above 365°F

Vapor Pressure: Not available

Vapor Density: Not available

Solubility in Water: Very Slight

Water:

Specific Gravity: 1.02

Appearance: Light yellow liquid

Odor: Mild

Combustible liquid OSHA Class III A

Explosive limits not determined

Flash Point: Not established

Extinguishing Media: Foam, dry chemical, CO<sub>2</sub>, alcohol

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Procedures: Decomposition or products of combustion may be toxic. Use self contained breathing equipment.

Unusual Hazards: Sudden reaction may result if mixed with an oxidizing agent.

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### **Section 5: Stability and Reactivity**

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Stability: Stable

Conditions to Avoid: Excessive heat or open flame

Material to Avoid: Potential vigorous reaction with strong oxidizing agents and acids

Hazardous Decomposition or Byproducts: CO, CO<sub>2</sub>, Phenolic derivatives

Hazardous Polymerization: Will not occur

### **Section 6: Hazards Identification**

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Eyes: May cause reddening, tearing, swelling, burning, and permanent damage.

Skin: A single exposure is unlikely to result in harm. Repeated exposure can cause sensitization.

Inhalation: Exposure to vapors at elevated temperatures may cause irritation to the respiratory tract and difficulty breathing.

Ingestion: Harmful if swallowed. If ingested, may cause burns in the mouth, throat, and stomach.

### **Section 7: First Aid Measures**

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Eyes: Flush at once with potable water for at least 15 minutes and consult a physician.

Skin: Wash with soap and warm water. Remove contaminated clothes. Wash before reuse. Destroy contaminated shoes.

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult.

Ingestion: Not likely to occur in normal handling. Give large quantities of water and get medical attention.

### **Section 8: Release Measures**

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Steps to be Taken in Event Material is Released or Spilled: Wear respirator and protective clothing. Shut off the leak at the source. Remove excess with vacuum truck, take up the remainder with an absorbent material such as clay, and place in disposal containers. Flush area with water to remove residue.

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### **Section 9: Waste Disposal**

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Dispose of material in a waste disposal site in accordance with local, state, and federal law.

### **Section 10: Handling and Storage**

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Precautions to be Taken in Handling and Storage: Store in a cool, dry place. Seal all partially used containers. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Mixed materials contain the aggregate hazards of all the components, therefore, read the MSDS of all the components prior to using the material. Properly label all containers.

Other Precautions: Avoid skin contact. Avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles can not be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to reuse.

### **Section 11: Exposure Controls**

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Respiratory Protection: Not required for properly ventilated areas.

Ventilation: Exhaust ventilation sufficient to keep airborne concentrations of HDI below their TLV and MGL maximum. Refer to Patty's Industrial Hygiene and Toxicology-Volume 1 Chapter 17 and Volume 3 Chapter 3 for details

Protective Gloves: Impervious gloves- neoprene or rubber.

Eye Protection: Splash goggles or glasses with side shields. Do not wear contact lenses when using this product.

Other Protective Clothing or Equipment: Wear body covering clothing and other coverings as necessary such as an apron and appropriate footwear to avoid contact with the material.

Work Hygienic Practices: Observe good general hygienic practices.

### **Section 12: Disclaimer**

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The information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.