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## **MATERIAL SAFETY DATA SHEET**

### **SECTION I / IDENTIFICATION OF MATERIAL**

<b>PRODUCT NAME</b>	Polyaspartic 70% Clear Part A		
<b>USE</b>	Concrete coating	<b>CHEMICAL FAMILY</b>	Aspartic Ester

### **SECTION II / HAZARDOUS INGREDIENTS**

COMPONENT	CAS #	%	TVL(ACGIH)	PEL(OSHA)
Light aromatic solvent naphtha	64742-95-6	10-20	N/A	N/A
Aspartic Ester	Trade Secret	75-85	N/A	N/A
Monoaspartate	Trade Secret	1-5	N/A	N/A
Aliphatic Carboxylic Ester	623-91-6	1-5	N/A	N/A

### **SECTION III / PHYSICAL DATA**

<b>APPEARANCE &amp; ODOR</b>	CLEAR LIQUID WITH SOLVENT ODOR		
<b>MELTING POINT (°C)</b>	N/A	<b>BOILING POINT (°C)</b>	365 deg F
<b>DENSITY (g/ml)</b>	N/A	<b>SPECIFIC GRAVITY</b>	1.012
<b>% WATER</b>	0	<b>VOC grams/liter</b>	186
<b>VAPOR PRESSURE (mm Hg)</b>	0.000014 mmHg @68 F	<b>VISCOSITY</b>	N/A
<b>SOLUBILITY IN WATER</b>	NEGATIVE	<b>PH</b>	N/A

### **SECTION IV / FIRE AND EXPLOSION HAZARD DATA**

<b>FLASHPOINT</b>	105 F	<b>METHOD</b>	TCC/PM	<b>FLAMMABLE LIMITS</b>	LEL	1.00	UEL	7.00
<b>EXTINGUISHING MEDIA</b>	DRY FILM ONLY. DRY CHEMICAL, Co2, WATER FOG.							
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	WEAR SELF-CONTAINING BREATHING APPARATUS. TOXIC AND IRRITATING GASES/FUMES MAY BE GIVEN OFF DURING BURNING OR THERMAL DECOMPOSITION. USE COLD WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS TO MINIMIZE THE RISK OF RUPTURE.							
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	KEEP CONTAINERS ISOLATED FROM HEAT AND TIGHTLY CLOSED							

### **SECTION V / REACTIVITY DATA**

<b>STABILITY (CHECK ONE)</b>	UNSTABLE		STABLE	X
<b>CONDITIONS TO AVOID</b>	Avoid extreme heat.			
<b>INCOMPATABILITY</b>	Avoid Oxidizing agents			

<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	<b>By fire and Thermal Decomposition: Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Amines, other aliphatics</b>
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### SECTION VI / HEALTH HAZARD DATA

<b>EFFECTS OF EXPOSURE</b>	<b>DERMAL</b>	Irritation and cracking of skin in severe cases. Clean with soap and water. Seek medical attention if symptoms persist.						
	<b>EYE</b>	Will cause irritation. Flush with water for 15 minutes. Seek medical attention if problem persists.						
	<b>INHALATION</b>	May cause dizziness and light headiness. Remove to fresh air.						
	<b>INGESTION</b>	Seek medical attention. DO NOT INDUCE VOMITING!						
<b>EMERGENCY FIRST AID</b>	<b>DERMAL</b>	IMMEDIATELY FLUSH WITH WATER AND REMOVE SOILED CLOTHING						
	<b>EYE</b>	IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES						
	<b>INHALATION</b>	REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF NECESSARY.						
	<b>INGESTION</b>	SEEK MEDICAL ATTENTION IMMEDIATELY						
<b>CARCINOGENICITY</b>	<b>IARC</b>	NO	<b>OSHA</b>	NO	<b>NTP</b>	NO		
<b>TOXICITY</b>	<b>EYE</b>	N/A	<b>ORAL</b>	N/A	<b>INHALATION</b>	N/A	<b>DERMAL</b>	N/A
<b>OTHER</b>	Strong skin sensitizing potential.							

### SECTION VII / SPILL PROCEDURES AND HANDLING REQUIREMENTS

<b>SPILL AND LEAK PROCEDURES</b>	WEAR PROTECTIVE CLOTHING. STOP LEAK, AND CONTAIN SPILL.
<b>WASTE DISPOSAL PROCEDURES</b>	DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
<b>HANDLING AND STORAGE PRECAUTIONS</b>	Store in a dry place away from excessive heat. Material is hygroscopic and may absorb small amounts of atmospheric moisture. Material can be stored safely at applicable temperatures.
<b>SPECIAL PRECAUTIONS</b>	N/A

### SECTION VII / SPECIAL PROTECTION INFORMATION

<b>RESPIRATORY</b>	USE NIOSH OR MSHA APPROVED CARTRIDGE RESPIRATOR.
<b>SKIN</b>	NITRILE RUBBER GLOVES RECOMMENDED
<b>EYE</b>	SAFETY GLASSES RECOMMENDED
<b>VENTILLATION</b>	LOCAL EXHAUST RECOMMENDED
<b>OTHER</b>	CLEAN , LONG LEGGED. LONG SLEEVED CLOTHING

### SECTION IX / TRANSPORTATION INFORMATION

<b>TSCA STATUS</b>	LISTED	<b>DOT SHIPPING INFORMATION</b>	NON DOT REGULATED			
<b>HMIS/NFP RATINGS</b>	<b>HEALTH</b>	2	<b>FLAMMABILITY</b>	1	<b>REACTIVITY</b>	0
<b>OTHER</b>						

N/A = NOT APPLICABLE      N/D = NOT DETECTED

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