

Material Safety Data Sheet

Section 1: Product and Company Identification

Product Name: Poxy Paste Part A

Company: Applied Technologies
P. O. Box 18476
Fairfield, OH 45018

Telephone: (513) 939-3767
Fax: (513) 939-3787

Emergency Telephone: CHEMTREC (800) 424-9300

Section 2: Composition / Information on Ingredients

This MSDS is prepared to comply with the United States OSHA hazard Communication Standard (29 CFR 1910.1200) Unlisted ingredients are not "hazardous" per OSHA standard.

<u>Chemical Name</u>	<u>Cas#</u>	<u>OSHA PEL *</u>	<u>ACGIH TLV *</u>	<u>WT%</u>
Bisphenol A Epoxy Resin	25068-36-6	N/E	N/E	
Epichlorohydrin	105-89-8	N/E	N/E	

*N/E Not Established

*All ingredients are registered on TSCA

*Unless otherwise noted, all PEL and TLV Values are reported as 8 hour time weighted averages (TWA)

Section 3: Hazards Identifications

Emergency Overview: Mild or moderate eye irritation. May cause skin irritation. Harmful if swallowed.

HMS Rating: Health-2; Flammability-1; Reactivity-1

Potential Health Effects:

Eye Contact: Mild or moderate irritation, possible minor temporary cornea injury

Section 3: Hazards Identifications(continued)

Skin Contact:	May cause skin irritation on prolonged or repeated exposure.
Skin Absorption:	Not considered toxic.
Inhalation:	May cause nasal irritation, central nervous system depression or lung injury.
Chronic Effects:	None

Section 4: First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES:

Eyes:	Flush with plenty of water and get medical attention. Keep eye lids apart. Wash within 1 minute of contact for maximum results.
Skin:	Promptly wipe clean with paper or cloths and wash with soap and water. Remove contaminated clothing before reuse. Attention should be paid to hair, nose and eyes.
Inhalation:	In Case of exposure to high concentration of vapor or mist, remove person to fresh air.
Ingestion:	If large amounts are swallowed, induce vomiting. Seek medical attention. May cause burns to mouth and throat.
Primary routes of entry:	Inhalation, Ingestion, skin and eye contact.
Carcinogenicity:	This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

Section 5: Fire Fighting Measures

Flash Point:	>200 F
Test Method:	Setaflash Closed Cup
Lower Flammability Limit:	N/A
Upper Flammability Limit:	N/A
Recommended Extinguishing Media:	Foam, carbon dioxide, dry chemicals or fog
Special Fire Fighting Procedures:	Firefighters should wear protective goggles and self contained breathing apparatus to avoid inhalation of smoke or vapors. Remove all ignition sources.
Unusual Fire or Explosion Hazards (conditions to avoid):	None known to Applied Technologies

Section 6: Accidental Release Measures

Special Protection: Exposure to the spilled materials may be irritant or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled the quantity of the spill, the area in which the spill occurred.

Steps to be taken if the material is released or spilled:

Ventilate the area. Absorb spill with suitable absorbent material and place into a closed container. Prevent material from entering waterways. Wear protective equipment during cleanup. Use eye and skin protection.

Section 7: Handling and Storage

Handling: Harmful or irritation material. Avoid contact and avoid breathing the material. Use only in well ventilated area.

Storage: Store in a cool, dry place.

Section 8: Special Protection Information

Respiratory Protection: If vapor or mist is generated and the occupational exposure limit is exceeded, use appropriate NIOSH/MSHA approved self-contained breathing equipment or a full face respirator. Respirators should be selected by and used following requirements found in OSHA's respirator standards (29 CFR 1910.134.) Not required for properly ventilated areas.

Ventilation: Local exhaust and general ventilation is recommended.

Hand Protection: Latex or nitrile gloves

Eye protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material; have an eye wash station available.

Skin and Body Protection: Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.

Section 9: Physical and Chemical Properties

Physical state:	Liquid	Color:	White
Odor:	Aromatic odor	Weight/gallon:	15 lbs
Solids (% by weight)	100	VOC:	0 g/L
Boiling range:	280 F	Melting point:	N/A
Density:	1.16	Percent volatile:	0 by weight
Vapor density (air=1)	Heavier than air	Vapor pressure (mmHg):	N/A
Evaporation rate:	N/A	Water miscibility:	limited

Section 10: Physical and Chemical Properties

Stability:	Stable
Incompatibility:	Strong oxidizers, acids, bases and epoxy hardeners under controlled conditions
Hazardous polymerization:	Will not occur
Hazardous decomposition products:	Carbon monoxide, Carbon dioxide and smoke. Others unknown
Condition to avoid:	Heat and warm storage

Section 11: Toxicological Information

<u>Chemical Name</u>	<u>LDL/LC50</u>
Epoxy resin	Not established

Section 12: Ecological Information

Overview:	No ecological information available
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Section 13: Disposal Considerations

To the best of our knowledge, this product does not meet the definition of hazardous waste under US EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

Section 14: Transport Information

Consult Bill of Lading for transportation information

DOT: Not regulated

Section 14: Transport Information(continued)

IATA: Not regulated

Section 15: Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200) Hazard Class(es): N/A

SARA Hazard Classification: SARA Title III Regulations (40 CFR 370): Acute

SARA Section 313 Listed Ingredients: This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

DOT Proper Shipping Name: N/A

UN Number: N/A

Section 16: Other Information

HMIS Rating:

Health: 2

Flammability: 1

Reactivity: 1

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Material Safety Data Sheet

Section 1: Product and Company Identification

Product Name: Poxy Paste Part B

Company: Applied Technologies
P. O. Box 18476
Fairfield, OH 45018

Telephone: (513) 939-3767
Fax: (513) 939-3787

Emergency Telephone: CHEMTREC (800) 424-9300

Section 2: Composition / Information on Ingredients

This MSDS is prepared to comply with the United States OSHA hazard Communication Standard (29 CFR 1910.1200) Unlisted ingredients are not "hazardous" per OSHA standard.

<u>Chemical Name</u>	<u>Cas#</u>	<u>OSHA PEL *</u>	<u>ACGIH TLV *</u>	<u>WT%</u>
Amidoamine Resin Solution	T/S	N/E	N/E	

*N/E Not Established

*All ingredients are registered on TSCA

*Unless otherwise noted, all PEL and TLV Values are reported as 8 hour time weighted averages (TWA)

*T/S Trade Secrete

Section 3: Hazards Identifications

Emergency Overview: Mild or moderate eye irritation. May cause skin irritation. Harmful if swallowed.

HMS Rating: Health-3; Flammability-1; Reactivity-1

Potential Health Effects:

Eye Contact: Mild or moderate irritation, possible minor temporary cornea injury

Section 3: Hazards Identifications(continued)

Skin Contact:	May cause skin irritation on prolonged or repeated exposure.
Skin Absorption:	Not considered toxic.
Inhalation:	May cause nasal irritation, central nervous system depression or lung injury.
Chronic Effects:	None

Section 4: First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES:

Eyes:	Flush with plenty of water and get medical attention. Keep eye lids apart. Wash within 1 minute of contact for maximum results.
Skin:	Promptly wipe clean with paper or cloths and wash with soap and water. Remove contaminated clothing before reuse. Attention should be paid to hair, nose and eyes.
Inhalation:	In Case of exposure to high concentration of vapor or mist, remove person to fresh air.
Ingestion:	If large amounts are swallowed, induce vomiting. Seek medical attention. May cause burns to mouth and throat.
Primary routes of entry:	Inhalation, Ingestion, skin and eye contact.
Carcinogenity:	This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

Section 5: Fire Fighting Measures

Flash Point:	>200 F
Test Method:	Setaflash Closed Cup
Lower Flammability Limit:	N/A
Upper Flammability Limit:	N/A
Recommended Extinguishing Media:	Foam, carbon dioxide, dry chemicals or fog
Special Fire Fighting Procedures:	Firefighters should wear protective goggles and self contained breathing apparatus to avoid inhalation of smoke or vapors. Remove all ignition sources.
Unusual Fire or Explosion Hazards (conditions to avoid):	May produce hazardous fumes or hazardous decomposition products

Section 6: Accidental Release Measures

Special Protection: Exposure to the spilled materials may be irritant or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled the quantity of the spill, the area in which the spill occurred.

Steps to be taken if the material is released or spilled:

Ventilate the area. Absorb spill with suitable absorbent material and place into a closed container. Prevent material from entering waterways. Wear protective equipment during cleanup. Use eye and skin protection.

Section 7: Handling and Storage

Handling: Harmful or irritation material. Avoid contact and avoid breathing the material. Use only in well ventilated area.

Storage: Store in a cool, dry place.

Section 8: Special Protection Information

Respiratory Protection: If vapor or mist is generated and the occupational exposure limit is exceeded, use appropriate NIOSH/MSHA approved self-contained breathing equipment or a full face respirator. Respirators should be selected by and used following requirements found in OSHA's respirator standards (29 CFR 1910.134.) Not required for properly ventilated areas.

Ventilation: Local exhaust and general ventilation is recommended.

Hand Protection: Latex or nitrile gloves

Eye protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material; have an eye wash station available.

Skin and Body Protection: Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.

Section 9: Physical and Chemical Properties

Physical state:	Liquid	Color:	Black/grey
Odor:	Amine odor	Weight/gallon:	15 lbs
Solids (% by weight)	100	VOC:	0 g/L
Boiling range:	280 F	Melting point:	N/A
Density:	1.04	Percent volatile:	0 by weight
Vapor density (air=1)	Heavier than air	Vapor pressure (mmHg):	N/A
Evaporation rate:	N/A	Water miscibility:	limited

Section 10: Physical and Chemical Properties

Stability:	Stable
Incompatibility:	Strong oxidizers, acids, bases and amine mixtures especially when hot
Hazardous polymerization:	Will not occur
Hazardous decomposition products:	None known to Applied Technologies
Condition to avoid:	Heat and warm storage

Section 11: Toxicological Information

Chemical Name	LDL/LC50
Amidoamine Resin Solution	Not established

Section 12: Ecological Information

Overview:	No ecological information available
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Section 13: Disposal Considerations

To the best of our knowledge, this product does not meet the definition of hazardous waste under US EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

Section 14: Transport Information

Consult Bill of Lading for transportation information

DOT: Not regulated
IATA: Not regulated

Section 15: Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200) Hazard Class(es): N/A

SARA Hazard Classification: SARA Title III Regulations (40 CFR 370): N/A

SARA Section 313 Listed Ingredients: This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

DOT Proper Shipping Name: N/A

UN Number: N/A

Section 16: Other Information

HMIS Rating:

Health: 3

Flammability: 1

Reactivity: 1

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