


1. Identification

Product Name: Poxy Paste Part A
Manufacturer/Supplier: Applied Technologies
 P.O. Box 18476
 Fairfield, OH 45018
Telephone: 513-939-3767
Emergency Telephone: Chemtrec 800-424-9300

2. Hazard(s) Identification

GHS Classification of Substance or Mixture:
 Skin irritation: Category 2, H315
 Skin Sensitization Category, 1 H317
 Eye Irritation: Category 2, H319

GHS Label Elements

Hazard Symbol: 
Signal Word: WARNING

See Section 8: Exposure controls/Personal Protection for personal protection.

Hazards Statements:

H315 Causes skin irritation
 H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation

Precautionary Statements:

Response:

P261 Avoid breathing mist/vapors/spray
 P264 Wash hands thoroughly after handling
 P273 Avid release to the environment
 P280 Wear protective gloves, clothing and eye/face shield
 P302 + P352 If on skin: wash with plenty of soap and water
 P305+P351 +P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P333+P313 If skin irritation or rash occurs: Get medical attention.
 P337+P313 If eye irritation persists: Get medical attention
 P362+P364 Take contaminated clothing and wash it before use.
 P391 Collect spillage

Storage: Not applicable

Disposal:

P501 Dispose of contents and containers in accordance with local, regional and international regulations.
 Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III

HMIS Rating:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

See Section 8: Exposure Controls/Personal Protection for personal protection equipment recommendations.

Potential Health Effects:

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

Skin Contact: May cause skin irritation on prolonged or repeated exposure.

Skin Absorption: Not considered nasal irritation, central nervous system depression or lung injury.

Chronic effects of overexposure: None

OSHA GHS Classification

This product is classified as hazardous as defined within the GHS OSH Hazard Communication Standard 29CFR1910 1200.

3. Composition / Information on Ingredients

Ingredient	% by Weight	OSHA PEL	ACGIH TLV	Cas #
Bisphenol A Epoxy Resin	<50	N/E	N/E	25058-99
Calcium Carbonate	<50	N/E	N/E	1317-65-3
Silica, amorphous, fumed, crystalline free	2	N/E	N/E	112945-52-5

GHS/CLP: Skin Irrit. 2 H315; Skin Sens. 1- H3117; Eye Irrit. 2-H319

4. First Aid Measures

Description of First Aid Measures

General advice: Consult a physician; show this SDS to doctor in attendance.

In event of skin contact: Drench the affected area immediately with plenty of water: Remove contaminated clothing. Wash thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation, rash or other adverse effects occur.

In the event of eye contact: Bathe the eye with running water for at least 15 minutes, lifting the upper and lower eyelids. Get medical attention if symptoms persist.

In the event of exposure by inhalation: Move person to fresh air. Get medical attention if symptoms develop.

Most important symptoms and effects both acute and delayed: Skin irritation, allergic reactions.

Indication of immediate medical attention and special treatment needed:

No specific antidote; treat symptomatically Eye wash stations and emergency showers should be available.

5. Fire Fighting Measures

Recommended Extinguishing Media: Foam, CO2, dry chemical s or fog. Use water spray to cool fire exposed containers. Do not use direct water stream which may spread fire.

Special Fire Fighting Procedures: Firefighters should wear protective goggles and self contained breathing apparatus to avoid inhalation of smoke or vapors. Remove ignition sources.

Unusual Fire or Explosion Hazards: Exposure to decomposition products may be harmful to health; combustion products may include but are not limited to: Carbon monoxide, carbon dioxide, phenolics, Aldehydes; smoke may contain particles of the original material as well. Prevent fire-fighting waters from entering sewer or waterways.

Advice for Fire Fighters: Use protective fire fighting clothing and positive pressure self contained breathing apparatus to protect against potential harmful and/or irritating fumes. Do not use high volume water jet as this may spread the area of the fire. 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 occurs.

6. Accidental Release Measures

Special Protection: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. 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 in case of 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.

7. Handling and Storage

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

Storage: Store in a cool dry place.

8. Exposure Controls / Personal Protection

Ingredient	% by Weight	OSHA PEL	ACGIH TLV	Cas #
Bisphenol A Epoxy Resin	<50	N/E	N/E	25058-99
Calcium Carbonate	<50	N/E	N/E	1317-65-3
Silica, amorphous, fumed, crystalline free	2	N/E	N/E	112945-52-5

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 the requirements found in OSHA's respirator standards (29 CFR 1910134.) Not required for properly ventilated area.

Ventilation: Local exhaust and general ventilation is recommended.

Hand Protection: Nitrile rubber gloves.

Eye Protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as protection 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 occurs.

9. Physical and Chemical Properties

Physical State	Gel
Color	White
Odor	Aromatic odor
Weight/gal	12 lbs
Solids % by weight	100
VOC	0 g/L

Oiling Range	280 F
Melting Point	N/A
Density	1.2
Percent Volatile	0 by weight
Vapor Density (air=1)	Heavier than air
Vapor pressure (mm Hg)	N/A
Evaporation rate	N/A
Water miscibility	Limited

10. Stability and Reactivity

Stability: Stable

Incompatibility Materials to Avoid: Strong oxidizers, acids, bases, and epoxy hardeners under controlled conditions

Hazardous Decomposition Products: Carbon Monoxide, Carbon dioxide, smoke. Others unknown

Conditions to Avoid: Heat and warm storage

11. Toxicological Information

Chemical Name

Epoxy Resin

LD50/LC50

Not established

12. Ecological Information

No ecological information available.

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 401 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local and federal authorities for more restrictive requirements.

14. Transport Information

Consult bill of Lading for transportation information

Dot: Not regulated

IATA: Not regulated

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 313 Listed Ingredients: This material does not contain any substances which are subject to the reporting requirements of 40 CFR 372.

DOT Proper Shipping Name: N/A

UN Number: N/A

16. Other Information

All statements, technical information and recommendations contained herein are based upon available scientific test or data which we believe to be reliable since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. Applied Technologies makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information.

1. Identification

Product Name: Poxy Paste Part "B"
Manufacturer/Supplier: Applied Technologies
 P.O. Box 18476
 Fairfield, OH 45018
Telephone: 513-939-3767
Emergency Telephone: Chem Trec 800-424-9300

2. Hazard(s) Identification

GHS Hazard Pictogram: 
Signal Word: WARNING

Hazard Statements:

H302: Harmful if swallowed
H313: May be harmful in contact with skin
H315: May cause skin irritation
H320: Causes eye irritation

Precautionary Statements:

P260: Do not breathe dust/fumes/gas/mist/vapor/spray
P264: Wash hands thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P273: Avoid release to the environment
P280: Wear protective gloves/clothing/eye protection
P301 + P330 + P314: If swallowed: Rinse mouth with water and get medical attention if you feel unwell
P302 + P352: If on Skin: Wash with plenty of soap and water

Response Statements

P337 + P313: Eye irritation persists get medical attention
P370 + P373: In case of fire: Use appropriate media for extinction
P391: Collect spillage
P403 + P235: Store in well ventilated place. Keep cool
P501: Dispose of content and/or container in accordance with local, regional, and or international regulations.

Emergency Overview: Irritant

Route of Exposure: Eye, skin, Inhalation, Ingestion

Eye: May cause eye irritation

Skin: May cause skin irritation

Inhalation: May be harmful if inhaled

Ingestion: May be harmful if ingested

Chronic Health Effects: Prolonged or repeated skin contact may result in irritation

Target Organs: Eyes, Skin, Respiratory system, Digestive system

HMIS Ratings

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

See Section 8: Exposure Controls/Personal Protection for personal protection equipment recommendations.

3. Composition / Information on Ingredients

Ingredient	% by Weight	OSHA PEL*	ACGIH TLV*	Cas #
Polymercaptan Resin	<40	N/E	N/E	TS
Calcium Carbonate	<50	N/E	N/E	1317-65-3
Silica, amorphous, fumed, crystalline free	2	N/E	N/E	112945-52-5

*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

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

Potential Health Effects:

Eye Contact: Mild or moderate irritation, p[ossible minor temporary cornea injury.

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 Over Time: None

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 use. 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.

5. Fire Fighting Measures

Flash Point: >250 C
Test Method: Pensky-Marten Cup (PMCC)
Lower Flammability Limit N/A
Upper Flammability Limit N/A
Recommended Extinguishing Media Water, foam, Carbon Dioxide, Dry chemical, 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: May produce fumes or hazardous decomposition products, such as carbon dioxide, carbon monoxide, hydrogen sulfide, oxides of sulfur and nitrogen.

6. Accidental Release Measures

Special Protection: Exposure to the spilled material may be irritating or harmful. Follow protective equipment recommendations found in Section 8 of this SDS. 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 in Case 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.

7. Handling and Storage

Storage: Store in a cool dry place

Handling: Harmful or irritation material. Avoid contact and avoid breathing the material.

8. Exposure Controls / Personal Protection

Ingredient	% by Weight	OSHA PEL*	ACGIH TLV*	Cas #
Polymercaptan Resin	<40	N/E	N/E	TS
Calcium Carbonate	<50	N/E	N/E	1317-65-3
Silica, amorphous, fumed, crystalline free	2	N/E	N/E	112945-52-5

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 area.

Ventilation: Local exhaust and general ventilation is recommended.

Hand Protection: Nitrile rubber gloves

Eye Protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as protection 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 occurs.

9. Physical and Chemical Properties

Physical State	Gel
Color	Black
Odor	Amine odor
Weight/gal	14 lbs
Solids % by weight	100
VOC	0 g/L
Oiling Range	335 F
Melting Point	N/A
Density	1.04
Percent Volatile	N/D
Vapor Density (air=1)	Not volatile
Vapor pressure (mm Hg)	N/E
Evaporation rate	N/A
Water miscibility	<0.1%

10. Stability and Reactivity

Stability: Stable

Incompatibility: Strong oxidizers, epoxy resin, and amine mixtures especially when hot

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Oxides of carbon and phenolics under burning conditions.

Conditions to Avoid: Heat and warm storage.

11. Toxicological Information

Chemical name

Polymercaptan Resin

LD50/LC50

Not established

12. Ecological Information

No ecological information

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 401 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local and federal authorities for more restrictive requirements.

Disposal: Any disposal practice must be in compliance with all federal, state and local laws and regulations. Chemical additions, processing, storage, or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. Waste characterization and disposal compliance is the responsibility solely of the party generating the waste or deciding to discard or dispose of the material. Refer to RCRA 40 CFR 216 and/or any other appropriate federal, state or local requirements for proper classification information.

Container Disposal: Drums/containers should be decontaminated and either passed to an approved drum recycler or destroyed.

RCRA/EPA Waste Information: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured down drains, sewers or waterways.

14. Transport Information

Consult Bill of Lading for transportation information.

DOT: Not regulated as hazardous material for transportation

IATA Shipping Name: Aviation Regulated Liquid, N. O. S. (Mercaptan-terminated polymer)

IATA UN Number: UN 3334

IATA Hazard Class: 9

IATA Packing Group: III

IMDG Shipping Name: Not regulated as hazardous material for transportation.

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 313 Listed Ingredients: This material does not contain any substances which are subject to the reporting requirements of 40 CFR 372.

16. Other Information

All statements, technical information and recommendations contained heron are based upon available scientific test or data which we believe to be reliable since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. Applied Technologies makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information.