



PPI Tech Inc
2700 Cumberland St Ste 5
Lebanon, Pa 17402 Phone
717-847-7604

Safety Data Sheet

AR-WATER BASED EPOXY PART A

SECTION I: IDENTIFICATION

Product Name: AR-Water Based Epoxy Part A **Emergency Telephone Number:** 1-800-535-5053
Product Use: Water Based Epoxy Resin

SECTION II: HAZARD IDENTIFICATION

Signal Word: DANGER

Hazard Classification:

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Irritation, Category 2A

Skin Sensitization, Category 1

Toxic to Reproduction, Category 2

Toxic to Reproduction, Category 2

Specific Organ Toxicity, Single Exposure; Respiratory

Tract Irritation, Central Nervous System (CNS), Category 1

Specific Organ Toxicity, Repeated Exposure; Adrenal, Kidneys, Category 2

Hazard Statements:

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H361d - Suspected of damaging the unborn child.

H370 - Causes damage to organs, CNS, respiratory tract

H373 - Causes damage to organs through prolonged or repeated exposure, adrenal, kidneys

Precautionary Statements:

P201 – Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 – Wash hands thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 – IF exposed or concerned: Get medical advice/attention.

P332 + P313 – If skin irritation occurs: Get medical advice/attention.

P362 – Take off contaminated clothing and wash before reuse.

P405 – Store locked up.

P501 – Dispose of contents/container to approved waste disposal site.

Hazard Pictograms:





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SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Diacetone Alcohol	123-42-2	1-3%
2-Propanol, 1-butoxy	5131-66-8	1-2%
Solid Epoxy Resin	Proprietary	
Poly(oxy-1,2-ethanediyl), alpha-(2-propylheptyl)-, omega,-hydroxy-	160875-66-1	
Oxirane, Mono[(C12-14-alkyloxy)methyl] Derivs.	68609-97-2	

SECTION IV – FIRST AID MEASURES

General Information: Immediately remove any clothing soiled by the product and launder before reuse.

After inhalation: Remove to fresh air.

After skin contact: Wash with soap and water. Remove contaminated clothing, and launder before reuse.

After eye contact: Flush with water for at least 15 minutes, lifting both eyelids. If irritation persists, **Get Medical Help.**

After ingestion: Drink two glasses of water. Induce vomiting if directed by medical personnel. **Get Medical Help.** Do not attempt to give liquids to an unconscious person.

Most Important Symptoms and Effects:

Acute: None.

Delayed: Inhalation. Repeated may cause lung cancer.

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None known

Fire Hazard: Non-Flammable

Explosion Hazard: None

Reactivity: Not reactive.

Products of Combustion: NA

Special Hazards Arising from the Substance or Mixture: None.

Special Remarks and Advice for Firefighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment (See section VIII). Keep unprotected persons away.

Methods and material for containment and cleaning up:

Spill Response: Contain and collect spillage with non-combustible, absorbent material.

Waste Disposal: Dispose of according to local, state and federal regulations.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



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SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Wash hands after using. Do not contaminate food or feed stuff.

Additional Hazards: None known.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Storage

Storage Conditions: Store in sealed original container in a dry area.

Storage Area: Store at room temperature.

Incompatible Products and Materials: None.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: NE

Appropriate Engineering Controls: General ventilation. In enclosed spaces, use a respirator.

Personal Protective Equipment:



Hand: Protective Gloves - Wear gloves of adequate length to offer appropriate skin protection.

Eye: Safety Glasses/Goggles

Skin and Body: None required.

Respiratory: None required.

Additional Information: None.



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SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: White Odor: Mild
pH-value:	7-9
Boiling Point/Boiling Range:	NA
Freezing Point:	NA
Flash Point:	NA
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	NE
Vapor Density:	NE
Viscosity:	NA
Solubility:	Insoluble
Evaporation Rate:	NE
Flammability:	Non-Flammable
Decomposition Temperature:	NE

SECTION X – REACTIVITY DATA

Conditions to be avoided: No specific data.
Incompatible materials: None.
Hazardous Decomposition Products: None known.
Reactivity: Not reactive.
Chemical Stability: Stable.
Possibility of Hazardous Reactions: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if in contact with skin.

Exposure Symptoms:

Eyes: Causes serious eye irritation.

Skin: Causes skin irritation. May cause an allergic skin reaction.

Inhalation: Adverse symptoms may include: reduced fetal weight, increase in fetal deaths, skeletal malformations.

Ingestion: Adverse symptoms may include: reduced fetal weight, increase in fetal deaths, skeletal malformations.

Effects (Short-term, Long-term):

Immediate: Eye irritation, skin irritation.

Delayed: Inhalation.

Chronic: May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity: May cause cancer through repeated inhalation.

Sensitization:



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SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Behavior in Environmental Systems: No further relevant information available.

Bioaccumulative Potential: NE

Mobility in Soil: Not mobile.

Other Adverse Effects: None known.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: Dispose of according to local, state and federal regulations.

Recommended Cleansing Agent:

Additional Information: Refer to Section 8

SECTION XIV – TRANSPORT INFORMATION

UN-Number: Not Regulated

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

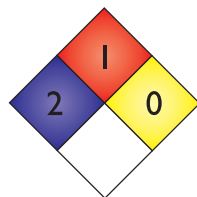
Environmental Hazards:

Additional Information:

Special Precautions for User: Avoid breathing dust.

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2

Fire: 1

Reactivity: 0

SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2015

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. End of SDS.



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AR- WATER BASED EPOXY PART B

SECTION I: IDENTIFICATION

Product Name: AR-Water Based Epoxy Part B
Product Use: Water Based Epoxy Curing Agent

Emergency Telephone Number: 1-800-535-5053

SECTION II: HAZARD IDENTIFICATION

Signal Word: DANGER

Hazard Classification:

Skin Corrosion/Irritation, Category 1C
Serious Eye Damage/Irritation, Category 1
Skin Sensitization, Category 1
Specific Organ Toxicity, Single Exposure; Respiratory
Tract Irritation, Category 3

Hazard Statements:

H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

Precautionary Statements:

P201 – Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 – Wash hands thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 – IF exposed or concerned: Get medical advice/attention.
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
P362 – Take off contaminated clothing and wash before reuse.
P405 – Store locked up.
P501 – Dispose of contents/container to approved waste disposal site.

Hazard Pictograms:





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SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Polyether Polyamine	Proprietary	
Alkyletheramine	Proprietary	

SECTION IV – FIRST AID MEASURES

General Information: Immediately remove any clothing soiled by the product and launder before reuse.

After inhalation: Remove to fresh air.

After skin contact: Wash with soap and water. Remove contaminated clothing, and launder before reuse.

After eye contact: Flush with water for at least 15 minutes, lifting both eyelids. If irritation persists, **Get Medical Help.**

After ingestion: Drink two glasses of water. Induce vomiting if directed by medical personnel. **Get Medical Help.** Do not attempt to give liquids to an unconscious person.

Most Important Symptoms and Effects:

Acute: None.

Delayed: Inhalation. Repeated may cause lung cancer.

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None known

Fire Hazard: Non-Flammable

Explosion Hazard: None

Reactivity: Not reactive.

Products of Combustion: NA

Special Hazards Arising from the Substance or Mixture: None.

Special Remarks and Advice for Firefighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment (See section VIII). Keep unprotected persons away.

Methods and material for containment and cleaning up:

Spill Response: Contain and collect spillage with non-combustible, absorbent material.

Waste Disposal: Dispose of according to local, state and federal regulations.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



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SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Wash hands after using. Do not contaminate food or feed stuff.

Additional Hazards: None known.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Storage

Storage Conditions: Store in sealed original container in a dry area.

Storage Area: Store at room temperature.

Incompatible Products and Materials: None.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: NE

Appropriate Engineering Controls: General ventilation. In enclosed spaces, use a respirator.

Personal Protective Equipment:



Hand: Protective Gloves - Wear gloves of adequate length to offer appropriate skin protection.

Eye: Safety Glasses/Goggles

Skin and Body: None required.

Respiratory: None required.

Additional Information: None.



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SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: White Odor: Mild
pH-value:	7-9
Boiling Point/Boiling Range:	NA
Freezing Point:	NA
Flash Point:	NA
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	NE
Vapor Density:	NE
Viscosity:	NA
Solubility:	Insoluble
Evaporation Rate:	NE
Flammability:	Non-Flammable
Decomposition Temperature:	NE

SECTION X – REACTIVITY DATA

Conditions to be avoided: No specific data.
Incompatible materials: None.
Hazardous Decomposition Products: None known.
Reactivity: Not reactive.
Chemical Stability: Stable.
Possibility of Hazardous Reactions: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if in contact with skin.

Exposure Symptoms:

Eyes: Causes serious eye irritation.

Skin: Causes skin irritation. May cause an allergic skin reaction.

Inhalation: Adverse symptoms may include: reduced fetal weight, increase in fetal deaths, skeletal malformations.

Ingestion: Adverse symptoms may include: reduced fetal weight, increase in fetal deaths, skeletal malformations.

Effects (Short-term, Long-term):

Immediate: Eye irritation, skin irritation.

Delayed: Inhalation.

Chronic: May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity: May cause cancer through repeated inhalation.

Sensitization:



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SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Behavior in Environmental Systems: No further relevant information available.

Bioaccumulative Potential: NE

Mobility in Soil: Not mobile.

Other Adverse Effects: None known.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: Dispose of according to local, state and federal regulations.

Recommended Cleansing Agent:

Additional Information: Refer to Section 8

SECTION XIV – TRANSPORT INFORMATION

UN-Number: 2735

UN Proper Shipping Name: Amines, liquid, corrosive, N.O.S. (Alkyletheramine)

Transport Hazard Class: 8

Packing Group: III

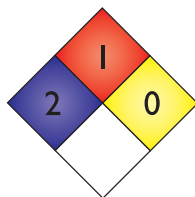
Environmental Hazards:

Additional Information: Limited Quantity (5L)

Special Precautions for User:

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2
Fire: 1
Reactivity: 0

SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2015

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. End of SDS.