

Safety Data Sheet

Section 1: Identification

Identity/Tradename: Poly Prep – Part A

Family/Chemical Name: Epoxy Resin

Recommended Use: Resin for coatings

Product Use Restrictions: None identified

SDS Last Updated: 4/2018

Manufacturer:

Ultra Polymers, Inc..
200 Laurel Avenue,
PO Box 1376
Gibsonia, PA 15044

Phone:724-449-2122

Emergency:412-818-9694

Section 2: Hazard Identification

Hazard Classification:

Skin Irritation, Category 3

Oral Toxicity, Category 5

Eye Irritation, Category 2B

Signal word: WARNING

Hazard Statements:

H317 May cause an allergic skin reaction.

H319 Causes eye irritation.

Precautionary Statements:

P264 Wash hands thoroughly after handling

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/advice.

P337 + P313 If eye irritation persists: Get medical attention/advice.

Prepared in accordance with the United States Hazard Communication Standard: 28 CFR 1910.1200 (2012)

P362 + P364 Take off contaminated clothing and wash it before re-use

P501 Dispose of contents/container in accordance with local, regional and international regulations.

Pictograms:



Other Hazards Not Resulting In Classification:

None known.

Section 3: Composition/Information on Ingredients

Ingredient Name	CAS #	Concentration (%)
proprietary		27
Bis A	28064-14-4	24
TiO ₂	13463-67-7	16
Mica	12001-26-2	12
ERISYS GE-30	0030499-70-8	4
Al Oxide		1
MULTIFLOW Resin		1
Resin		0.8
UV protectant	6197-30-4	0.5

Section 4: First-Aid Measures

EYES: Immediately flush eyes with water for 10 minutes.

SKIN: Wash with mild soap and water.

INGESTION: If conscious, give large quantities of water. Induce vomiting.

INHALATION: Remove to fresh air.

OTHER: Remove contaminated clothing.

Section 5: Fire-Fighting Measures:

Extinguishing Media, Suitable: Water spray, CO₂, dry chemical

Prepared in accordance with the United States Hazard Communication Standard: 28 CFR 1910.1200 (2012)

Fire and Explosion Hazards: None

Fire Fighting Procedures: Cool exposed containers with water spray. Self-contained breathing apparatus in confined areas.

Section 6: Accidental Release Measures

Spill Procedures: Avoid all personal contact. Absorb with inert material (ie. sand). Use closable containers. Flush area with water.

Waste Disposal Methods: Dispose in accordance with federal, state, and local regulations.

Section 7: Handling and Storage

Storage Temperature: >32F (0C)

Storage: Store in cool, dry place. Store in tightly sealed containers.

Handling Precautions: Avoid skin and eye contact. Wash thoroughly after handling. Launder contaminated clothing before reuse. Avoid inhalation of vapors from heated product.

Section 8: Exposure Controls/Personal Protection

Eye Protection Guidelines: Wear splash-proof chemical goggles

Skin Protection Guidelines: Wear liquid-proof, impervious gloves

Respiratory/Ventilation Guidelines: Use in a well-ventilated area. Use NIOSH-approved respirator for organic vapors, if required.

Section 9: Physical and Chemical Properties

Physical Form: Viscous liquid

Color: White

Odor:

Odor Threshold:

Vapor Pressure:

Vapor Density:

pH:

Relative Density: 1.2

Melting Point/Freezing Point: N/A

Solubility: Slight water solubility

Boiling Point: >300F

Flash Point: >300F

Evaporation Rate:

Flammability:

Prepared in accordance with the United States Hazard Communication Standard: 28 CFR 1910.1200 (2012)

Partition Coefficient:

Auto-ignition Temperature:

Decomposition Temperature:

Viscosity: >12,000 cps

Section 10: Stability and Reactivity

Reactivity: Product will not react by itself

Chemical Stability: Stable under normal storage conditions

Reactivity/Hazardous Reactions: No hazardous polymerization will occur with this product

Incompatibilities: Avoid contact with strong oxidizers.

Conditions to Avoid: Temperatures exceeding 300F.

Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes

Section 11: Toxicological Information

Component Name	CAS#	Exposure Limits
Proprietary		Not established
Bisphenol A type epoxy resin (4,4' isopropyl,denediphenol epichlorhydrin resin)		Not established
Titanium Dioxide (TiO ₂)		15 mg/m (total dust)

Section 12: Ecological Information (non-mandatory)

Section 13: Disposal Considerations (non-mandatory)

Section 14: Transport Information (non-mandatory)

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

FOR FURTHER INFORMATION: CONTACT Ultra Polymers, Inc. THE INFORMATION AND RECOMMENDATIONS IN THIS DATA SHEET ARE BASED UPON DATA BELIEVED TO BE CORRECT. NO GUARANTEE OR WARRANTY OF ANY KIND IS EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO THE ABOVE INFORMATION

Safety Data Sheet

Section 1: Identification

Identity/Tradename: Poly Prep – Part B

Family/Chemical Name: Aliphatic Polyamines/amido Polyamines

Recommended Use: Resin for coatings

Product Use Restrictions: None identified

SDS Last Updated: 4/2018

Manufacturer:

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200 Laurel Avenue,
PO Box 1377
Gibsonia, PA 15044

Phone:724-449-2122

Emergency:412-818-9694

Section 2: Hazard Identification

Hazard Classification:

Skin Irritation, Category 3

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Eye Irritation, Category 2B

Signal word: WARNING

Hazard Statements:

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P333 + P313 If skin irritation or rash occurs: Get medical attention/advice.

P337 + P313 If eye irritation persists: Get medical attention/advice.

P362 + P364 Take off contaminated clothing and wash it before re-use

Prepared in accordance with the United States Hazard Communication Standard: 28 CFR 1910.1200 (2012)

P501 Dispose of contents/container in accordance with local, regional and international regulations.

Pictograms:



Other Hazards Not Resulting In Classification:

None known.

Section 3: Composition/Information on Ingredients

Ingredient Name	CAS #	Concentration (%)
Proprietary		33
proprietary		10
TiO ₂	13463-67-7	8
MULTIFLOW Resin		1
Curing agent		0.2

Section 4: First-Aid Measures

EYES: Immediately flush eyes with water for 10 minutes.

SKIN: Wash with mild soap and water.

INGESTION: If conscious, give large quantities of water. Induce vomiting.

INHALATION: Remove to fresh air.

OTHER: Remove contaminated clothing.

Section 5: Fire-Fighting Measures:

Extinguishing Media, Suitable: Water spray, CO₂, dry chemical

Fire and Explosion Hazards: None

Fire Fighting Procedures: Cool exposed containers with water spray. Self-contained breathing apparatus in confined areas.

Section 6: Accidental Release Measures

Spill Procedures: Avoid all personal contact. Absorb with inert material (ie. sand). Use closable containers. Flush area with water.

Waste Disposal Methods: Dispose in accordance with federal, state, and local regulations.

Section 7: Handling and Storage

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Skin Protection Guidelines: Wear liquid-proof, impervious gloves

Respiratory/Ventilation Guidelines: Use in a well-ventilated area. Use NIOSH-approved respirator for organic vapors, if required.

Section 9: Physical and Chemical Properties

Physical Form: White liquid

Color: White

Odor:

Odor Threshold:

Vapor Pressure:

Vapor Density:

pH:

Relative Density: 1.25

Melting Point/Freezing Point: N/A

Solubility: Slight water solubility

Boiling Point: Not available

Flash Point:

Evaporation Rate:

Flammability:

Partition Coefficient:

Auto-ignition Temperature:

Decomposition Temperature:

Prepared in accordance with the United States Hazard Communication Standard: 28 CFR 1910.1200 (2012)

Viscosity: 3,000 - 5,000 cps

Section 10: Stability and Reactivity

Reactivity: Product will not react by itself

Chemical Stability: Stable under normal storage conditions

Reactivity/Hazardous Reactions: No hazardous polymerization will occur with this product

Incompatibilities: Strong mineral acids.

Conditions to Avoid: Temperatures exceeding 300F.

Decomposition Products: Carbon monoxide, carbon dioxide, oxides of nitrogen

Section 11: Toxicological Information

Component Name	CAS#	Exposure Limits
Aliphatic polyamine		Not established
Titanium dioxide (TiO ₂)		15 mg/m (total dust)
Amidopolyamine		Not established

Section 12: Ecological Information (non-mandatory)

Section 13: Disposal Considerations (non-mandatory)

Section 14: Transport Information (non-mandatory)

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

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