PRODUCT GUIDE:
CATALYZED TOPCOATS

APRIL 14, 2020

EAGLE BRIDGES COMPANY
216 Hwy 49 S. Byron, GA 31008

Product Data Sheet

Eagle Bridges Company

216 Hwy 49 S. Byron, GA
31008800-541-1747
Eaglebridges.com

Product: 2K Polyurethane **Product Code: 5001**

Description

5001Acrylic Aliphatic Urethane is a high gloss acrylic urethane finish coat with excellent chemical, abrasion and moisture resistance. It is designed to give premium performance, gloss and durability.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60 – 75 K.U.	Weight Per Gallon	9.78
Gloss	High	Specific Gravity	1.1747
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	699 sq. ft. per gallon
Solids by Volume	44 (+/-) 2%	Solids by Weight	59 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.94 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	472 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	1.10 # Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	1 Hour
Dry Time to Handle (@ 77 degrees F, 50% RH) Pot Life:	4 hours 8 hours minimum @ 70 degrees F.	Dry Time to Recoat (@ 77 degrees F, 50% RH)	12 hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: If reduction is necessary, use Xylene.
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**:
- **Primer**: Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature**: Ambient temperature above 50 deg. F
- **Pot Life:** 3 hours minimum (at 70 degrees F.)

Clean Up

Recommended solvent for clean-up is Xylene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

For Safety and Handling information please consult the Safety Data Sheet (SDS)

For any other Information Please Contact Eagle Bridges Company, Inc.

800-541-1747 Phone 478-956-3617 Fax Eaglebridges.com Website

Product Data Sheet

Eagle Bridges Company
216 Hwy 49 S. Byron, GA
31008800-541-1747
Eaglebridges.com

Product: FD Polyurethane **Product Code: 5001**

Description

5001FD Acrylic Aliphatic Urethane is a high gloss acrylic urethane finish coat with excellent chemical, abrasion and moisture resistance. It is designed to give premium performance, gloss and durability. It is formulated to give a fast dry and cure rate.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60 – 75 K.U.	Weight Per Gallon	9.10
Gloss	High	Specific Gravity	1.09
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	670 sq. ft. per gallon
Solids by Volume	42 (+/-) 2%	Solids by Weight	54 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.15 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	498 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	1.10 # Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH) Pot Life:	1 ½ hours 3 hours minimum @ 70 degrees F.	Dry Time to Recoat (@ 77 degrees F, 50% RH)	2 hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: If reduction is necessary, use Xylene.
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**:
- **Primer**: Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature**: Ambient temperature above 50 deg. F
- **Pot Life:** 3 hours minimum (at 70 degrees F.)

Clean Up

Recommended solvent for clean-up is Xylene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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Product Data Sheet

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Product: 2K Polyurethane **Product Code: 5002**

Description

5002 Acrylic Aliphatic Urethane is a high gloss acrylic urethane finish coat with excellent chemical, abrasion and moisture resistance. It is designed to give premium performance, gloss and durability.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60 – 75 K.U.	Weight Per Gallon	8.28
Gloss	High	Specific Gravity	0.9942
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	656 sq. ft. per gallon
Solids by Volume	41 (+/-) 2%	Solids by Weight	49 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.21 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	5048 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	2.34 # Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH) Pot Life:	3 hours 8 hours minimum @ 70 degrees F.	Dry Time to Recoat (@ 77 degrees F, 50% RH)	10 hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: If reduction is necessary, use Xylene.
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**:
- **Primer**: Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature**: Ambient temperature above 50 deg. F
- **Pot Life:** 3 hours minimum (at 70 degrees F.)

Clean Up

Recommended solvent for clean-up is Xylene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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Product Data Sheet

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216 Hwy 49 S. Byron, GA
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Product: Satin Aliphatic Polyurethane **Product Code: 5003**

Description

5003 is a high Performance Acrylic Aliphatic Polyurethane finish coat that is designed to give premium performance and durability. It also yields excellent chemical abrasion and moisture resistance. The gloss is adjusted to give a Satin finish.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60-70 K.U.	Weight Per Gallon	10.58
Gloss	Satin	Specific Gravity	1.27
Flash Point	90 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	785 sq. ft. per gallon
Solids by Volume	48.96 (+/-) 2%	Solids by Weight	65.64 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.63 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	434 Grams Per Liter
Hazardous Air Pollutants (H.A.P.S.)	0.67 # Per Gallon	Dry Time to Touch (@ 77 Degrees F, 50% RH)	1 Hour
Dry Time to Handle (@77 Degrees F, 50% RH)	4 Hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	8 Hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat. When in doubt, allow one week before recoating.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: If reduction is necessary, use Xylene.
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**:
- **Primer**: Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature**: Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Xylene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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Product Data Sheet

Eagle Bridges Company
216 Hwy 49 S. Byron, GA
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Product: 3.5 VOC Low HAPS Polyurethane Product Code: 5004

Description

5004Acrylic Aliphatic Urethane is a high gloss acrylic urethane finish coat with excellent chemical, abrasion and moisture resistance. It is designed to give premium performance, gloss and durability. It has been formulated to be V.O.C. compliant and very low H.A.P.s.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60 – 75 K.U.	Weight Per Gallon	8.5
Gloss	High	Specific Gravity	1.02
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	850 sq. ft. per gallon
Solids by Volume	53 (+/-) 2%	Solids by Weight	60.5 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.36 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	402 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	0.71 # Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	1 Hour
Dry Time to Handle (@ 77 degrees F, 50% RH) Pot Life:	4 hours 8 hours minimum @ 70 degrees F.	Dry Time to Recoat (@ 77 degrees F, 50% RH)	12 hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: If reduction is necessary, use Xylene.
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**:
- **Primer**: Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature**: Ambient temperature above 50 deg. F
- **Pot Life:** 3 hours minimum (at 70 degrees F.)

Clean Up

Recommended solvent for clean-up is Xylene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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Product Data Sheet

Eagle Bridges Company
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Product: Low VOC High Solids Aliphatic Polyurethane

Product Code: 4045

Description

4045 is a top of the line 2K urethane coating designed to give premium performance, gloss and durability. It is high solids for excellent substrate coverage and low V.O.C.'s for environmental concerns.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	85-95 K.U.	Weight Per Gallon	10.20
Gloss	High	Specific Gravity	1.23
Flash Point	23 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	932 sq. ft. per gallon
Solids by Volume	58 (+/-) 2%	Solids by Weight	71 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.76 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	330 Grams Per Liter
Hazardous Air Pollutants (H.A.P.S.)	0.72 # Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	1 Hour
Dry Time to Handle (@ 77 degrees F, 50% RH)	8 Hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	16 Hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat. When in doubt, allow one week before recoating.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: T-99 Thinner
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**: 1.5 – 2.5
- **Primer**: Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature**: Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is T-99.

Safety and Other Information

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Product Data Sheet

Eagle Bridges Company
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Product: 2.80 VOC 2K Low HAPS Polyurethane

Product Code: 4046

Description

4046 is a top of the line 2K urethane coating designed to give premium performance, gloss and durability. It is formulated to very low in V.O.C.'s (2.8) for environment concerns. And is very low in H.A.P.s. It yields excellent chemical, abrasion and moisture resistance.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60 – 75 K.U.	Weight Per Gallon	9.58
Gloss	High	Specific Gravity	1.15
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	899 sq. ft. per gallon
Solids by Volume	56 (+/-) 2%	Solids by Weight	67 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.79 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	334 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	0.80 # Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH) Pot Life:	8 hours 6 hours minimum @ 70 degrees F.	Dry Time to Recoat (@ 77 degrees F, 50% RH)	12 hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: If reduction is necessary, use Xylene.
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**:
- **Primer**: Suggested primers are Eagle Bridges Epoxy Primers such as 1356 or 8844.
- **Temperature**: Ambient temperature above 50 deg. F
- **Pot Life:** 3 hours minimum (at 70 degrees F.)

Clean Up

Recommended solvent for clean-up is Xylene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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Product Data Sheet

Eagle Bridges Company
216 Hwy 49 S. Byron, GA
31008800-541-1747
Eaglebridges.com

Product: Elite Extreme Polyamide Epoxy Product Code: 8800

Description

8800 Elite Extreme Polyamide Epoxy is a two component, high performance modified polyamide cured epoxy coating designed for effective corrosion protection on metal surfaces, where optimum surface preparation may not be feasible. A multipurpose, direct-to-metal, surface tolerant coating. Lead and chromate-free. High volume solids and low VOC.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	95-105 KU	Weight Per Gallon	11.42 (+/-) 0.5
Gloss	Eggshell	Specific Gravity	1.372 (+/-) .06
Flash Point	115 degrees F	Theoretical Coverage @1 mil dry, no loss assumed	131 square feet Per gallon @ 8 mils
Solids by Volume	65.00 (+/-) 2%	Solids by Weight	73.60 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.00 Per Gallon	Volatile Organic Content (V.O.C.) less exempt	359 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	0.69 lbs. per gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	4 hours
Dry Time to Handle (@ 77 degrees F, 50% RH)	4 hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	Min. 4 Hours Max. 24 Hours

Typical Uses

For industrial, commercial, and marine use for the protection of structural steel, tank exteriors, hulls, decks, bulkhead, and offshore structures and other surfaces exposed to corrosive atmospheric or industrial environments. Designed for long service protection of interior areas exposed to corrosive conditions, such as salt and fresh water immersion and corrosive environments. Provides excellent protection to structures subject to mechanical abuse.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. NACE No.3 SSPC-SP 6 Commercial Blast Cleaning.
- **Reduction**: 8800 is supplied ready to spray and does not require any reduction. If reduction is necessary, use T-40 Thinner.
- **Method**: Can be applied by Brush, Roller, Conventional Air Atomization, HVLP or Airless spray equipment. To obtain maximum edge protection and film build, spray application is recommended.
- **Recommended Dry Film**: 8 dry mils. 12 wet mils.
- **Primer**: N/A
- **Induction Time**: 15 min @ 41 deg. F, 15 min @ 60 deg. F, no induction @ 77 deg. F.
- **Temperature**: Ambient air, paint and substrate temperature should be a minimum of 50 degrees F at time of application with less than 90% humidity. Metal Temperature must be at least 5 degrees above the dew point.

Clean Up

Recommended solvent for clean-up is T-40 thinner however any strong or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

For Safety and Handling information please consult the Safety Data Sheet (SDS)

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Product Data Sheet

Eagle Bridges Company
216 Hwy 49 S. Byron, GA
31008800-541-1747
Eaglebridges.com

Product: Elite Extreme Polyamide Epoxy Product Code: 8800SP

Description

8800 Elite Extreme Polyamide Epoxy is a two component, high performance modified polyamide cured epoxy coating designed for effective corrosion protection on metal surfaces, where optimum surface preparation may not be feasible. A multipurpose, direct-to-metal, surface tolerant coating. Lead and chromate-free. High volume solids and low VOC.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	85-100 KU	Weight Per Gallon	10.54 (+/-) 0.5
Gloss	Eggshell	Specific Gravity	1.26 (+/-) .06
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry, no loss assumed	942 square feet Per gallon @ 1 mils
Solids by Volume	59.00 (+/-) 2%	Solids by Weight	71.00 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.00 Per Gallon	Volatile Organic Content (V.O.C.) less exempt	359 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	1.86 Lbs per gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30-45 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	4 hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	Min. 4 Hours Max. 24 Hours

Typical Uses

For industrial, commercial, and marine use for the protection of structural steel, tank exteriors, hulls, decks, bulkhead, and offshore structures and other surfaces exposed to corrosive atmospheric or industrial environments. Designed for long service protection of interior areas exposed to corrosive conditions, such as salt and fresh water immersion and corrosive environments. Provides excellent protection to structures subject to mechanical abuse.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. NACE No.3 SSPC-SP 6 Commercial Blast Cleaning.
- **Reduction**: 8800 is supplied ready to spray and does not require any reduction. If reduction is necessary, use T-40 Thinner.
- **Method**: Can be applied by Brush, Roller, Conventional Air Atomization, HVLP or Airless spray equipment. To obtain maximum edge protection and film build, spray application is recommended.
- **Recommended Dry Film**: 8 dry mils. 12 wet mils.
- **Primer**: N/A
- **Induction Time**: 15 min @ 41 deg. F, 15 min @ 60 deg. F, no induction @ 77 deg. F.
- **Temperature**: Ambient air, paint and substrate temperature should be a minimum of 50 degrees F at time of application with less than 90% humidity. Metal Temperature must be at least 5 degrees above the dew point.

Clean Up

Recommended solvent for clean-up is T-40 thinner however any strong or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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Product Data Sheet

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216 Hwy 49 S. Byron, GA
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Product: Amine Epoxy **Product Code: 8844**

Description

A two component, high performance Epoxy, designed for high build and effective corrosion protection on metal substrates. Designed for sever corrosive environments in marine, pulp and paper, kaolin, fertilizer, chemical and petro-chemical industries.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	85-95 K.U.	Weight Per Gallon	12.0
Gloss	High	Specific Gravity	1.44
Flash Point	60 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	1029 sq. ft. per gallon
Solids by Volume	64.0 (+/-) 2%	Solids by Weight	79.0 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.57 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	308 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s)	1.74 # Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	6 Hours
Dry Time to Handle (@77 degrees F, 50% RH)	8 Hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	4 Hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat. When in doubt, allow one week before recoating.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching. All surfaces must be free of dust, oils and other surface contaminates before application.
- **Reduction**: If reduction is necessary, use Xylene.
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**: 4-8
- **Primer**: N/A
- **Temperature**: Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Xylene. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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Product Data Sheet

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Product: Coal Tar HS Epoxy **Product Code: C-201**

Description

C-201 Coal Tar HS Epoxy is a two component, high solids, coal tar polyamide cured epoxy formulated for use as a protective coating with excellent chemical resistance and mechanical properties. It can be used as a self-priming coating for protection of steel and concrete in corrosive environments such as submerged steel in fresh water or brine.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	Thick	Weight Per Gallon	12.60 (+/-) 0.5
Gloss	Semi-Gloss	Specific Gravity	1.5135 (+/-) .06
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry, no loss assumed	1223 square feet Per gallon
Solids by Volume	76.00 (+/-) 2%	Solids by Weight	86.00 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	1.71# Per Gallon	Volatile Organic Content (V.O.C.) less exempt	204 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	1.63 # per gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	7 hours
Dry Time to Handle (@ 77 degrees F, 50% RH)	7 hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	Min. 12 Hours Max. 24 Hours

Dry Times

When multiple coats are applied, the dry time between coats depends upon film thickness, temperature and humidity. If the first coat is in the critical cure stage it may be lifted or blistered by the second coat. To test, apply a small swatch over first coat and observe for a few minutes. If no film distortion occurs, it is safe to recoat. When in doubt, allow one week before recoating.

Application

- **Preparation:** - Apply to properly cleaned or treated surface. NACE No.3 SSPC-SP 6 Commercial Blast Cleaning.
- **Reduction**: C-201 Coal Tar HS Epoxy is supplied ready to spray and does not require any reduction. If reduction is necessary, use T-33 Thinner.
- **Method**: Can be applied by Brush, Roller, Conventional Air Atomization, HVLP or Airless spray equipment. To obtain maximum edge protection and film build, spray application is recommended.
- **Recommended Dry Film**: 12 to 16 dry mils. 15 to 21 wet mils.
- **Primer**: N/A
- **Induction Time**: 31 min @ 41 deg. F, 15 min @ 60 deg. F, no induction @ 77 deg. F.
- **Temperature**: Ambient air, paint and substrate temperature should be a minimum of 50 degrees F at time of application with less than 90% humidity. Metal Temperature must be at least 5 degrees above the dew point.

Clean Up

Recommended solvent for clean-up is Toluene however any strong Aromatic or Ketone solvent will work. Do not use Aliphatic solvents such as Mineral Spirits or Naphtha.

Safety and Other Information

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