PRODUCT GUIDE: CONVENTIONAL PRIMERS

APRIL 15, 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: Grey L/F Primer **Product Code: 1035**

Description

An economy grade shop coat conventional solids primer. It is designed to adhere to a variety of substrates and protect them until top coated. It is fast drying and economical.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	70 KU (+/- 2)	Weight Per Gallon	9.52
Gloss	Flat	Specific Gravity	1.1438
Flash Point	55 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	544 sq. ft. per gallon
Solids by Volume	33.91 (+/-) 2%	Solids by Weight	50.64 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.99 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	477 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	0.58 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	15-30 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	25-45 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	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. 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**: 1.5-2 mils
- **Primer**: n/a
- **Temperature**: Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Toluene or Xylene

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
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Product: Light Grey Primer **Product Code: 2208**

Description

A quick fast dry metal primer that was designed to have a no recoat window. This product is an excellent choice when over-coating with a topcoat with strong solvents and "Lifting" is a concern.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	30 seconds #2 Zahn (+/- 3)	Weight Per Gallon	11.02
Gloss	Flat	Specific Gravity	1.3239
Flash Point	55 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	636 sq. ft. per gallon
Solids by Volume	39.64 (+/-) 2%	Solids by Weight	60.62 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.34 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	519 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	2.73 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30-60 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	60-90 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	n/a

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, Toluene/Solvent 100 or Xylene
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**: 1-2 mils
- **Primer**: n/a
- **Temperature**:

Clean Up

Recommended solvent for clean-up is Toluene or Xylene

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Product Data Sheet

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Product: Lummus Grey Phenolic Primer Product Code: 3569

Description

A quick fast dry metal primer that was designed to have a no recoat window. This product is an excellent choice when over-coating with a topcoat with strong solvents and "Lifting" is a concern.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	15-20 seconds #4 Zahn (+/- 3)	Weight Per Gallon	10.92
Gloss	Flat	Specific Gravity	1.3114
Flash Point	80 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	661 sq. ft. per gallon
Solids by Volume	41.20 (+/-) 2%	Solids by Weight	61.75 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.18 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	500 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	2.13 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	15 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	60 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	15 minutes

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, Toluene/Solvent 100 or Xylene
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**: 1-2 mils
- **Primer**: n/a
- **Temperature**:

Clean Up

Recommended solvent for clean-up is Toluene or Xylene

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Product Data Sheet

Eagle Bridges Company
216 Hwy 49 S. Byron, GA
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Product: Red Oxide L/F Primer **Product Code: 1028**

Description: **1028 RED OXIDE PRIMER** is an economy grade shop coat conventional solids primer. It is designed to adhere to a variety of substrates and protect them until top coated. It is fast drying and economical

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60-65 KU	Weight Per Gallon	9.65
Gloss	Flat	Specific Gravity	1.1584
Flash Point	50+ degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	515 sq. ft. per gallon
Solids by Volume	32.09 (+/-) 2%	Solids by Weight	50.10 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.15 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	496 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	1.5 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	15-30 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	25-45 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	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. 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, Xylene
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**: 1.5-2 mils
- **Primer**: n/a
- **Temperature**:

Clean Up

Recommended solvent for clean-up is Xylene

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Product Data Sheet

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Product: Phenolic Red Oxide Primer **Product Code: 3146**

Description

A quick fast dry metal primer that was designed to have a no recoat window. This is an excellent choice when over-coating with a topcoat with strong solvents and "Lifting" is a concern.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	45 seconds #2 Zahn (+/- 3)	Weight Per Gallon	10.54
Gloss	Flat	Specific Gravity	1.2657
Flash Point	50 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	631 sq. ft. per gallon
Solids by Volume	39.33 (+/-) 2%	Solids by Weight	59.06 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.31 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	516 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	2.13 #/gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30-60 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	1-4 hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	Same day

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, Solvent 100 or Toluene
- **Method**: Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film**: 1-2 mils
- **Primer**: n/a
- **Temperature**:

Clean Up

Recommended solvent for clean-up is Toluene or Xylene

Safety and Other Information

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This information is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommendations are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use.

Product Data Sheet

Eagle Bridges Company

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Product: Beige Phenolic Primer **Product Code: 4707**

Description

4707 Beige Phenolic Primer is a low gloss, phenolic modified alkyd enamel. It is zinc-free but maintains exceptionally good resistance to corrosion and is considered a non-lifting primer. Its strengths are: adhesion, solvent resistance, durability and resistance properties.

Physical Properties

	Attribute	Property Description	Attributes
Viscosity	37-43 #2 Zahn	Weight Per Gallon	11.13 (+/-) 0.5
Gloss	FLAT	Specific Gravity	1.3361 (+/-) .06
Flash Point	45 degrees F	Coverage @1 mil dry, (Theoretical) no loss assumed	625 Ft^2 / Gallon
Solids by Volume	38.96 (+/-) 2%	Solids by Weight	60.53 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.39 lbs/Gallon	Volatile Organic Content (V.O.C.) less exempt	526 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	2.85 lbs/Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30-45 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	1 hour	Dry Time to Recoat (@ 77 degrees F, 50% RH)	See Below

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**: Eagle Plus White is supplied ready to spray and does not require any reduction. If reduction is necessary, use Solvent 100 or Acetone.
- **Method**: Can be applied by Conventional Air Atomization, HVLP or Airless spray equipment. Brush and Roll applications are not recommended.
- **Recommended Dry Film**: 1 to 2 dry mils
- **Primer**: NA
- **Temperature**: Ambient air, paint and substrate temperature should be a minimum of 50 degrees F at time of application.

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.

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