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# PRODUCT GUIDE: COMPLIANT PRIMERS

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APRIL 14, 2020  
EAGLE BRIDGES COMPANY  
216 Hwy 49 S. Byron, GA 31008

## Eagle Bridges Company

216 Hwy 49 S.  
Byron, GA 31008  
800-541-1747  
Eaglebridges.com



**Product: Univ Grey Corr. Primer 2.8 VOC      Product Code: 5163**

### Description

5163 is a high-solids, non-lifting, hi-performance primer with near identical application performance to Eagle Bridges 3463 primer. The formula's rust inhibiting technology is lead / chromate free and yields extended protection from corrosion during shipping and assembly.

The product also contains no reportable HAPs and VOCs of <2.8

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	68-72 KU	Weight Per Gallon	11.80 +/- 0.2
Gloss	Flat	Specific Gravity	1.417 +/- 0.03
Flash Point	1+°F	Theoretical Coverage@1 mil dry: No loss assumed.	821 ft <sup>2</sup> / gallon
Solids by Volume	51 (+/-) 2%	Solids by Weight	73 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.58 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	309 grams / liter
Hazardous Air Pollutants (H.A.P.s.)	Non-reportable	Dry Time to Touch (@77°F, 50% RH)	15 minutes
Dry Time to Handle (@77°F, 50% RH)	30 minutes	To Recoat (@77°F, 50% RH)	n/a

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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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

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## Eagle Bridges Company

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**Product: Grey Weldable Primer**

**Product Code: 4431**

### Description

This product has been formulated to cure in such a way that it can be welded through without fouling the weld. It has been certified as weldable by Midwest Testing Laboratories, Inc. This product is a high solid, lead and chromate free metal primer that contains less than a reportable level of HAPS and a VOC of less than 2.80. It has been formulated to meet or exceed the performance requirements of SSPC-15, TT-P-636 and TT-P-664. Zinc Phosphate is the primary rust inhibitor in this formula and yields extended protection from corrosion during shipping and assembly. 4431 is a phenolic based universal primer and should be an appropriate primer for most high-performance topcoats. We recommend use should test for adhesion and lifting on all applications.

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	70 KU (+/- 2)	Weight Per Gallon	11.70 (+/- .5)
Gloss	Flat	Specific Gravity	1.4046
Flash Point	-1 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	798 sq. ft. per gallon
Solids by Volume	49.73 (+/-) 2%	Solids by Weight	71.22 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.80 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	334 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	Non- Reportable	Dry Time to Touch (@ 77 degrees F, 50% RH)	15 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	30 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	24 hours

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, use Mineral Spirits or Xylene.
- **Method:** Spray, airless or Electrostatic if controlled, brush, roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1.0-2.0 mils
- **Primer:** n/a
- **Temperature:** Ambient temperature above 50 deg. F

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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## Eagle Bridges Company

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**Product: Grey Corrosion Primer**

**Product Code: 3463**

### Description

3463 is a high-solids, non-lifting primer designed to meet or exceed the performance requirements of SSPC-15, TT-P-636 and TT-P-664. The formula's rust inhibiting technology is lead / chromate free and yields extended protection from corrosion during shipping and assembly.

The product contains no reportable HAPs and VOCs of <3.5.

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	70-75 KU	Weight Per Gallon	11.68 +/- 0.2
Gloss	Flat	Specific Gravity	1.4032 +/- 0.03
Flash Point	50+°F	Theoretical Coverage@1 mil dry: No loss assumed.	825 ft <sup>2</sup> / gallon
Solids by Volume	51 (+/-) 2%	Solids by Weight	73 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.19 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	382 grams / liter
Hazardous Air Pollutants (H.A.P.s.)	Non-reportable	Dry Time to Touch (@77°F, 50% RH)	15 minutes
Dry Time to Handle (@77°F, 50% RH)	30 minutes	To Recoat (@77°F, 50% RH)	n/a

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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**Product: Univ Red Corr. Primer 2.8 VOC      Product Code: 5200**

### Description

5200 is a high-solids, non-lifting, hi-performance primer with near identical application performance to Eagle Bridges 3463 primer. The formula's rust inhibiting technology is lead / chromate free and yields extended protection from corrosion during shipping and assembly.

The product also contains no reportable HAPs and VOCs of <2.8

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	68-72 KU	Weight Per Gallon	11.84 +/- 0.2
Gloss	Flat	Specific Gravity	1.4227 +/- 0.03
Flash Point	1+°F	Theoretical Coverage@1 mil dry: No loss assumed.	820 ft <sup>2</sup> / gallon
Solids by Volume	51 (+/-) 2%	Solids by Weight	73 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.59 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	310 grams / liter
Hazardous Air Pollutants (H.A.P.s.)	Non-reportable	Dry Time to Touch (@77°F, 50% RH)	15 minutes
Dry Time to Handle (@77°F, 50% RH)	30 minutes	To Recoat (@77°F, 50% RH)	n/a



## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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## Eagle Bridges Company

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**Product: RTS Univ Red Corr. Primer 3.0 VOC Product Code: 5158**

### Description

5158 is a high-solids, non-lifting, hi-performance primer that is ready to spray (RTS). The formula's rust inhibiting technology is lead / chromate free and yields extended protection from corrosion during shipping and assembly.

The product also contains no reportable HAPs and VOCs of <3.0

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	68-72 KU	Weight Per Gallon	11.22 +/- 0.2
Gloss	Flat	Specific Gravity	1.3476 +/- 0.03
Flash Point	-1 °F	Theoretical Coverage@1 mil dry: No loss assumed.	720 ft <sup>2</sup> / gallon
Solids by Volume	45 (+/-) 2%	Solids by Weight	68 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.97 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	355 grams / liter
Hazardous Air Pollutants (H.A.P.s.)	Non-reportable	Dry Time to Touch (@77°F, 50% RH)	15 minutes
Dry Time to Handle (@77°F, 50% RH)	30 minutes	To Recoat (@77°F, 50% RH)	n/a

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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## Eagle Bridges Company

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**Product: H/H Red Shop Primer**

**Product Code: 5191**

### Description

5191 is a high-solids, VOC compliant shop primer designed to adhere and protect a variety of substrates until top coated.

The product is economical and contains VOCs of <3.5.

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	55-60 KU	Weight Per Gallon	11.14 +/- 0.2
Gloss	FLAT	Specific Gravity	1.3381 +/- 0.03
Flash Point	50+°F	Theoretical Coverage@1 mil dry: No loss assumed.	752 ft <sup>2</sup> / gallon
Solids by Volume	47 (+/-) 2%	Solids by Weight	69 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.27 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	391 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	<0.37#/gallon	Dry Time to Touch (@77°F, 50% RH)	30 minutes
Dry Time to Handle (@77°F, 50% RH)	120 minutes	To Recoat (@77°F, 50% RH)	n/a

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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## Eagle Bridges Company

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**Product: Red Shop Primer**

**Product Code: 5114**

### Description

5114 is a high-solids, VOC compliant shop primer designed to adhere and protect a variety of substrates until top coated.

The product is economical and contains VOCs of <3.5.

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	55-60 KU	Weight Per Gallon	10.52 +/- 0.2
Gloss	25-45	Specific Gravity	1.2634 +/- 0.03
Flash Point	50+°F	Theoretical Coverage@1 mil dry: No loss assumed.	729 ft <sup>2</sup> / gallon
Solids by Volume	45 (+/-) 2%	Solids by Weight	67 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.36 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	403 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	<0.33#/gallon	Dry Time to Touch (@77°F, 50% RH)	60 minutes
Dry Time to Handle (@77°F, 50% RH)	120 minutes	To Recoat (@77°F, 50% RH)	n/a

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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

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## Eagle Bridges Company

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**Product: Arc White Primer 2.8 V.O.C.      Product Code: 5201**

### Description

5201 Arc White Primer is a high-solids, non-lifting primer designed to meet or exceed the performance requirements of SSPC-15, TT-P-636 and TT-P-664. The formula's rust inhibiting technology is lead / chromate free and yields extended protection from corrosion during shipping and assembly.

The product contains no reportable HAPs and VOCs of <2.8

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60-65 KU	Weight Per Gallon	11.48 +/- 0.2
Gloss	Flat	Specific Gravity	1.3782 +/- 0.03
Flash Point	-1 °F	Theoretical Coverage@1 mil dry: No loss assumed.	732 ft <sup>2</sup> / gallon
Solids by Volume	46 (+/-) 2%	Solids by Weight	69 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.74 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	329 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	0#/gallon	Dry Time to Touch (@77°F, 50% RH)	15 minutes
Dry Time to Handle (@77°F, 50% RH)	30 minutes	To Recoat (@77°F, 50% RH)	n/a



## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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## Eagle Bridges Company

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**Product: Low Odor White Corrosion Primer 2.8 V.O.C.**  
**Product Code: 5091**

### Description

5091 White Corrosion Primer is a low odor, high-solids, non-lifting primer designed to meet or exceed the performance requirements of SSPC-15, TT-P-636 and TT-P-664. The formula's rust inhibiting technology is lead / chromate free and yields extended protection from corrosion during shipping and assembly. It is formulated to be low odor.

The product contains no reportable HAPs and VOCs of <2.8

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60-65 KU	Weight Per Gallon	11.05 +/- 0.2
Gloss	Flat	Specific Gravity	1.3269 +/- 0.03
Flash Point	-1 °F	Theoretical Coverage@1 mil dry: No loss assumed.	684 ft <sup>2</sup> / gallon
Solids by Volume	43 (+/-) 2%	Solids by Weight	66 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	2.80 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	335 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	0#/gallon	Dry Time to Touch (@77°F, 50% RH)	15 minutes
Dry Time to Handle (@77°F, 50% RH)	30 minutes	To Recoat (@77°F, 50% RH)	n/a

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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## Eagle Bridges Company

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**Product: Arc White Primer**

**Product Code: 4517**

### Description

4517 Arc White Primer is a high-solids, non-lifting primer designed to meet or exceed the performance requirements of SSPC-15, TT-P-636 and TT-P-664. The formula's rust inhibiting technology is lead / chromate free and yields extended protection from corrosion during shipping and assembly.

The product contains no reportable HAPs and VOCs of <3.5.

### Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	60-65 KU	Weight Per Gallon	11.65 +/- 0.2
Gloss	Flat	Specific Gravity	1.3989 +/- 0.03
Flash Point	50+°F	Theoretical Coverage@1 mil dry: No loss assumed.	734 ft <sup>2</sup> / gallon
Solids by Volume	46 (+/-) 2%	Solids by Weight	70 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.48 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	416 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	0#/gallon	Dry Time to Touch (@77°F, 50% RH)	15 minutes
Dry Time to Handle (@77°F, 50% RH)	30 minutes	To Recoat (@77°F, 50% RH)	n/a

## Dry Times

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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

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- **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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits or Xylene
- **Method:** Spray, airless or Electrostatic if controlled, brush or roll. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1-5.5 mils
- **Primer:** n/a
- **Temperature:**

## Clean Up

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Recommended solvent for clean-up is Xylene

## Safety and Other Information

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