



PRODUCT GUIDE: CONVENTIONAL TOPCOATS

APRIL 9, 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: Premium Fast Dry Alkyd Black Product Code: 5116

Description

5116 Premium Fast Dry Alkyd Black is a medium-solids, high gloss enamel for OEM finishing or refinish of industrial agriculture and transportation equipment.

5116 Premium Black has a very short set-to-touch and handling time and offers a deep, rich black color with excellent gloss/color retention to a wide variety of general metals.

It can be applied over primed surfaces or direct to metal.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	50-55 K.U. (Kreb Units)	Weight Per Gallon	8.23 (+/-) 0.5
Gloss	95+	Specific Gravity	0.9887 (+/-) .06
Flash Point	81°F	Theoretical Coverage@1 mil dry, no loss assumed	593 ft ² / gallon
Solids by Volume	37 (+/-) 2%	Solids by Weight	45 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.52 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	542 g / liter
Hazardous Air Pollutants (H.A.P.s.)	3.30 lbs / gallon	Dry Time to Touch (@77°F, 50% RH)	30'
Dry Time to Handle (@77°F, 50% RH)	90'	Dry Time to Water Resistance (@77°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. Re-Coat Window: You may apply a second coat between 1 to 8 hours after first coat, but after 8 hours you must wait 72 hours before applying subsequent coats.

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 contaminants before application.
- **Reduction:** Product 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:** This topcoat can be applied over a Primer or Direct to Metal (DTM). Recommended primer is 2758 Industrial Grey High Solids Primer.
- **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.

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

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Product: Alkyd Fast Dry Gloss Enamel

Product Code: 5012

Description

This product is a High Gloss Enamel for OEM finishing or refinishing of industrial and agriculture equipment. Offering long term protection with excellent color and gloss retention to a wide array of general metals. It is specially formulated to give very fast dry time properties and early water resistance.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	50 KU Stormer Viscometer	Weight Per Gallon	8.14
Gloss	95+	Specific Gravity	.9779
Flash Point	45 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	543 sq. ft. per gallon
Solids by Volume	34 (+/-) 2%	Solids by Weight	42 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.72 lbs Per Gallon	Volatile Organic Content (V.O.C.) less exempt	564 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	3.92 lbs Per Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	15 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	20 – 40 minutes	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. Note: A critical recoat time may exist between 24 hours and 48 hours drying at room temperature. It may fluctuate depending on temperature, drying conditions and film thickness.

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 contaminants before application.
- **Reduction:** If reduction is necessary, use Xylol.
- **Method:** Spray
- **Recommended Dry Film:** 1.5-2.0 Mils
- **Primer:** 2208 or 3463
- **Temperature:** Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Xylol 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: Modified Acrylic Alkyd Black Product Code: 4980-02

Description

4980 Modified Acrylic Alkyd Black is a high gloss enamel for OEM finishing or refinishing of industrial agriculture and transportation equipment. It offers long term protection with excellent color and gloss retention to a wide variety of general metals. Its strengths are: fast dry, gloss retention, fade resistance, and flexibility. 4980 Modified Acrylic Alkyd Black can be applied over primed surfaces or direct to metal.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	50 KU (+/- 3)	Weight Per Gallon	8.22 (+/-) 0.5
Gloss	95+	Specific Gravity	0.9876 (+/-) .06
Flash Point	81°F	Theoretical Coverage @1 mil dry, no loss assumed	593 ft ² / gallon
Solids by Volume	37 (+/-) 2%	Solids by Weight	45 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.54 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	546 g / liter
Hazardous Air Pollutants (H.A.P.s.)	1.79 lbs / gallon	Dry Time to Touch (@77°F, 50% RH)	60'
Dry Time to Handle (@ 77°F, 50% RH)	2-4 Hours	Dry Time to Water Resistance (@77°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. Re-Coat Window: You may apply a second coat of 4980 Modified Acrylic Alkyd Black between 1 to 8 hours after first coat, but after 8 hours you must wait 72 hours before applying subsequent coats.

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 contaminants before application.
- **Reduction:** Product 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:** Can be applied over a Primer or Direct to Metal (DTM). Recommended primer is 3463 Industrial Grey High Solids Primer or comparable.
- **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.

Safety and Other Information

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Product: Black VT Enamel

Product Code: 4779-01

Description

Fast Air-Dry System designed primarily for interior applications. It is designed to give very good adhesion and durability on interior substrates.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	57 KU +/- 3	Weight Per Gallon	7.506 (+/-) 0.5
Gloss	60-80	Specific Gravity	0.9014 (+/-) .06
Flash Point	45°F	Theoretical Coverage@1 mil dry, no loss assumed	524.88 ft ² / gallon
Solids by Volume	33 (+/-) 2%	Solids by Weight	42 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.36 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	522 g / liter
Hazardous Air Pollutants (H.A.P.s.)	0.89 lbs / gallon	Dry Time to Touch (@77°F, 50% RH)	10-20'
Dry Time to Handle (@77°F, 50% RH)	30-60'	To Recoat (@77°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 contaminants before application.
- **Reduction:** If reduction is necessary, use Xylol
- **Method:** Spray
- **Recommended Dry Film:** 1 -1.5 Mils
- **Primer:** 2208
- **Temperature:** Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Xylol 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: Hi Heat Gloss Black

Product Code: 4447

Description

4447 is a high gloss, black air-dry enamel designed for excellent heat resistance (up to 600F) over properly cleaned and prepared substrates.

It is recommended that the system be fired @ 300-500F for 4 hours once product is tack-free in order to complete cure. Product is susceptible to mechanical damage until fully cured. Different levels of gloss loss are possible during this curing process & with increased temperatures without compromising protection.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	57" (+/-2) #2 Zahn @ 77°F	Weight Per Gallon	8.99 +/- 0.4
Gloss	80+	Specific Gravity	0.9977 +/- 0.02
Flash Point	81 °F	Theoretical Coverage@1 mil dry: No loss assumed.	484 ft ² / gallon
Solids by Volume	29 (+/-) 2%	Solids by Weight	45 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	5.0 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	604 g / liter
Hazardous Air Pollutants (H.A.P.s.)	2.7 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30"
Dry Time to Handle (@77°F, 50% RH)	60-120"	Dry Time to Recoat (@77°F, 50% RH)	<8 or >72 Hrs.

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 contaminants 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:** 1-1.5 mils
- **Primer:** None required. If primer is desired, then it must also be a high temperature stable.
- **Temperature:** Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Xylene

Safety and Other Information

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Product: Eagle Black Alkyd L/G Enamel Product Code: 4348

Description

Eagle products are medium-solids alkyd formulations that are designed for fast air-dry performance at an economical price. Eagle formulations perform well in exterior applications where gloss / color retention is required. The system air-dries quickly to a hard/durable surface.

Eagle formulations can be applied over primed surfaces or direct to metal.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	35 +/- 3" #4 Ford @ 77°F	Weight Per Gallon	8.48 +/- 0.2
Gloss	15 to 20	Specific Gravity	1.0179 +/- .01
Flash Point	50 °F	Theoretical Coverage@1 mil dry: No loss assumed.	492 ft ² / gallon
Solids by Volume	31 (+/-) 2%	Solids by Weight	43 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.8 lbs / gallon 574 g / liter		
Hazardous Air Pollutants (H.A.P.s.)	3.34 lbs / gallon	Dry Time to Touch (@77°F, 50% RH)	15-20'
Dry Time to Handle (@ 77°F, 50% RH)	30-60'	To Recoat(@77°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 contaminants before application.
- **Reduction:** Xylene as needed
- **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 mils
- **Primer:** Eagle products can be applied direct to metal, however if a primer is desired then 2208 Light Grey Primer is recommended.
- **Temperature:** Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Toluene or 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: Black Dipping Enamel

Product Code: 4271

Description

This product is a fast air-drying dipping enamel for application to cleaned or primed metal surfaces and provides a hard, tough durable finish.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	28-33 SEC #2 Zahn	Weight Per Gallon	8.09 (+/- .5)
Gloss	80+	Specific Gravity	
Flash Point	80 Deg F	Theoretical Coverage @1 mil dry: No loss assumed.	512 Sq. Ft. per gallon
Solids by Volume	31.94 (+/-) 2%	Solids by Weight	39.07 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.92 Lbs/Gallon	Volatile Organic Content (VOC) less exempt	588 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)		Dry Time to Touch (@ 77 degrees F, 50% RH)	15 Min
Dry Time to Handle (@ 77 degrees F, 50% RH)	45 Min	Dry Time to Recoat (@ 77 degrees F, 50% RH)	90 Min

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 contaminants before application.
- **Reduction:** SOL 100 or Xylene
- **Method:** Dipping or conventional airless or HVLP Spray
- **Recommended Dry Film:** 1.0 - 2.0 Mils
- **Primer:** Call for recommended
- **Temperature:** Ambient temperature above 40 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: Super Gloss Black

Product Code: 3940-02

Description

This product is an air drying high gloss production enamel for application to clean or primed metal surfaces and provides a hard tough durable finish.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	15 #4 Zahn	Weight Per Gallon	8.18
Gloss	90+	Specific Gravity	
Flash Point	45 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	603 sq. ft. per gallon
Solids by Volume	37 (+/-) 2%	Solids by Weight	44 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.52 Per Gallon	Volatile Organic Content (VOC) less exempt	540 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)		Dry Time to Touch (@ 77 degrees F, 50% RH)	15 Minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	45-60 minutes	Dry Time to Recoat (@ 77 degrees F, 50% RH)	Up to 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 contaminants before application.
- **Reduction:** Xylol
- **Method:** Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** 1.5-2.0 mils
- **Primer:** None
- **Temperature:** Ambient temperature above 40 deg. F

Clean Up

Recommended solvent for clean-up is Xylol 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: Black Acrylic Enamel

Product Code: 3352

Description

A high gloss acrylic enamel that has been formulated to have excellent gloss retention and exterior durability.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	35 +/- F (#4 FORD)	Weight Per Gallon	8.078
Gloss	95+	Specific Gravity	
Flash Point	-1 Deg F	Theoretical Coverage @1 mil dry: No loss assumed.	786 sq. ft. /gallon
Solids by Volume	49.03 (+/-) 2%	Solids by Weight	55.42 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	3.49 lbs Per Gallon	Volatile Organic Content (VOC) less exempt	417 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)		Dry Time to Touch (@ 77 degrees F, 50% RH)	45 Minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	1.5 hours	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 contaminants before application.
- **Reduction:** Solvent 100
- **Method:** Spray, airless or Electrostatic if controlled. Application properties can be adjusted with special solvents
- **Recommended Dry Film:** As Required
- **Primer:** None
- **Temperature:** Ambient temperature above 40 deg. F

Clean Up

Recommended solvent for clean-up is Acetone or Solvent 100 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: Black Brushing Enamel

Product Code: 3296-03

Description

3296-03 Black Brushing Enamel is a conventional solids product designed specifically for application by brush. It is slow drying to allow for flow and leveling and to allow brush marks to flow in. It will give excellent exterior exposure and gloss retention.

3296-03 Black Brushing Enamel can be applied over primed surfaces or direct to metal.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	78 Krebs Units @ 77°F	Weight Per Gallon	7.94 +/- 0.2
Gloss	95+	Specific Gravity	.9539 +/- 0.03
Flash Point	40°F	Theoretical Coverage@1 mil dry: No loss assumed	598 ft ² / gallon
Solids by Volume	33.25 (+/-) 2%	Solids by Weight	38.64 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.06 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	486 g/ liter
Hazardous Air Pollutants (H.A.P.s.)	Less than Reportable	Dry Time to Touch (@77°F, 50% RH)	4 hours
Dry Time to Handle (@77°F, 50% RH)	8 Hours	To Recoat (@77°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 contaminants before application.
- **Reduction:** 3296-03 is supplied ready to spray and does not require any reduction. If reduction is necessary, use Solvent 100 or Mineral Spirits.
- **Method:** Brush
- **Recommended Dry Film:** 1 to 2 dry mils
- **Primer:** 3296-03 can be applied over a Primer or Direct to Metal (DTM). Recommended primer is 3463 Industrial Grey High Solids Primer.
- **Temperature:** Ambient temperature above 50 deg. F

Clean Up

Recommended solvent for clean-up is Sol 100 or Acetone however any strong Aromatic or Ketone solvent will work.

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Product: Flat Black Corrosion Resistant

Product Code: 3226

Description

This product is a medium-solids, low gloss, corrosion inhibiting enamel designed for finish or refinish of industrial and agriculture equipment. The system air-dries quickly to a hard/durable surface and performs well in exterior applications over a wide array of general metals.

It is designed to be applied direct to metal.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	35-40" #4 Zahn @77°F	Weight Per Gallon	9.06 +/- 0.2
Gloss	Flat	Specific Gravity	1.088 +/- 0.02
Flash Point	>40 °F	Theoretical Coverage@1 mil dry: No loss assumed.	484 ft ² / gallon
Solids by Volume	30 (+/-) 2%	Solids by Weight	36 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.6 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	550 g/liter
Hazardous Air Pollutants (H.A.P.s.)	1.7 lbs/gallon	Dry Time to Touch (@ 77 °F, 50% RH)	15-30'
Dry Time to Handle (@ 77 °F, 50% RH)	30-60'	Dry Time to Recoat (@ 77 °F, 50% RH)	<24 hours & >72 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 contaminants before application.
- **Reduction:** If reduction is necessary, use Xylene.
- **Method:** Dipping, Brush, Roller, or Spray
- **Recommended Dry Film:** 1.0-2.0 MILS
- **Primer:** NA
- **Temperature:** 45 to 90 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

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.

Eagle Bridges Company

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



Product: Black Solvent Stove Enamel

Product Code: 1222

Description

A flat black air-dry enamel designed to have excellent heat resistance.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	55-60 seconds (+/- 2) #2 Zahn cup	Weight Per Gallon	8.99
Gloss	Flat	Specific Gravity	1.0692
Flash Point	45 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	461 sq. ft. per gallon
Solids by Volume	28.74 (+/-) 2%	Solids by Weight	45.17 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.877 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	478 Grams Per Liter
Hazardous Air Pollutants (H.A.P.s.)	2.9 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	30 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

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 contaminants 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:** 1-1.5 mils
- **Primer:** 2208
- **Temperature:**

Clean Up

Recommended solvent for clean-up is Xylene

Safety and Other Information

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Eagle Bridges Company

216 Hwy 49 S. Byron, GA 31008
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 Eaglebridges.com



Product: Premium Grade Aluminum

Product Code: 966

Description

A premium Aluminum paint formulated to give a high Metallic luster in a durable resin base.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	22-28 seconds (+/- 2) #4 Zahn cup	Weight Per Gallon	7.88
Gloss	High Luster	Specific Gravity	.9466
Flash Point	120 degrees F	Theoretical Coverage @1 mil dry: No loss assumed.	412 sq. ft. per gallon
Solids by Volume	25.72 (+/-) 2%	Solids by Weight	39.84 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	4.80 # Per Gallon	Volatile Organic Content (V.O.C.) less exempt	574 Grams per Liter
Hazardous Air Pollutants (H.A.P.s.)	3.9 lbs / Gallon	Dry Time to Touch (@ 77 degrees F, 50% RH)	15 minutes
Dry Time to Handle (@ 77 degrees F, 50% RH)	2-4 hours	Dry Time to Recoat (@ 77 degrees F, 50% RH)	2-4 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 contaminants before application.
- **Reduction:** If reduction is necessary, Mineral Spirits
- **Method:** Spray, airless or Electrostatic if controlled, brush or roller. 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 Mineral Spirits or Xylene

Safety and Other Information

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Eagle Bridges Company

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 Eaglebridges.com



Product: Eagle Black Alkyd Gloss Enamel Product Code: 725

Description

Eagle products are medium-solids alkyd formulations that are designed for fast air-dry performance at an economical price. Eagle formulations perform well in exterior applications where gloss / color retention is required. The system air-dries quickly to a hard/durable surface.

Eagle formulations can be applied over primed surfaces or direct to metal.

Physical Properties

Property Description	Attribute	Property Description	Attributes
Viscosity	35" #4 Ford @ 77°F	Weight Per Gallon	7.83 +/- 0.2
Gloss	85+	Specific Gravity	0.9411 +/- 0.02
Flash Point	50+°F	Theoretical Coverage@1 mil dry: No loss assumed.	440 ft ² / gallon
Solids by Volume	27 (+/-) 2%	Solids by Weight	36 (+/-) 2%
Volatile Organic Content (V.O.C.) less exempt	5.0 lbs / gallon	Volatile Organic Content (V.O.C.) less exempt	598 g / liter
Hazardous Air Pollutants (H.A.P.s.)	3.46 lbs / gallon	Dry Time to Touch (@77°F, 50% RH)	15-30'
Dry Time to Handle (@77°F, 50% RH)	30-60'	To Recoat (@77°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 contaminants before application.
- **Reduction:** If reduction is necessary, use Xylol
- **Method:** Can be applied by Conventional Air Atomization, HVLP or Airless spray equipment. Brush and Roll applications are not recommended.
- **Recommended Dry Film:** 1-1.5 mils
- **Primer:** Eagle products can be applied direct to metal, however if a primer is desired then 2208 Light Grey Primer is recommended.
- **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 Xylol 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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