



PRODUCT GUIDE: UNIVERSAL PRIMERS

APRIL 15, 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 ² / 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

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 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

Recommended solvent for clean-up is 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

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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 ² / 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

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 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

Recommended solvent for clean-up is Xylene

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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 contaminants 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: 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 contaminants 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: 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 ² / 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

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 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

Recommended solvent for clean-up is Xylene

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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 ² / 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

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 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

Recommended solvent for clean-up is Xylene

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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 contaminants 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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Product: Arc White Primer 2.8 V.O.C. Product Code: 5 201

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 ² / 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

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 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

Recommended solvent for clean-up is Xylene

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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 ² / 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

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 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

Recommended solvent for clean-up is Xylene

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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 ² / 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

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 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

Recommended solvent for clean-up is Xylene

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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 contaminants 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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