



# PRODUCT GUIDE: HIGH TEMP COATINGS

Version: 08.07.17



## EAGLE BRIDGES PRODUCT DATA

**PRODUCT: PREMIUM GRADE ALUMINUM**

**PRODUCT NUMBER: 966-01**

**DESCRIPTION: A PREMIUM ALUMINUM PAINT FORMULATED TO GIVE A HIGH METALLIC LUSTRE IN A DURABLE RESIN BASE.**

<b>PROPERTIES</b>	<b>APPLICATION</b>
<p>VISCOSITY: 22-28 SEC. (+/-2) #4 Zahn Cup</p> <p>POUNDS PER GALLON: 7.88</p> <p>GLOSS: HIGH LUSTRE</p> <p>FLASH POINT: 120 Degrees F.</p> <p>VOLATILE ORGANIC COMPOUND VOC 4.80</p> <p>SOLIDS: 25.72 by volume (+/-) 2% 39.84 by weight (+/-) 2%</p> <p>THEORETICAL COVERAGE @ 1 mil dry: 4.12-sq. ft. per gallon. No loss assumed.</p> <p>FLEXABILITY: Excellent</p> <p>IMPACT RESISTANCE Good</p> <p>ADHESION: Excellent</p> <p>HEAT RESISTANCE Good:</p> <p>HUMIDITY RESISTANCE: Excellent</p> <p>WATER IMMERSION: Excellent</p> <p>SALT SPRAY RESISTANCE: Excellent</p>	<p>PREPARATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching</p> <p>TYPE OF APPLICATION: Conventional or Airless Spray, or brush or roller.</p> <p>REDUCTION: As needed</p> <p>REDUCING SOLVENT: Mineral Spirits</p> <p>REDUCED VISCOSITY ;As desired .</p> <p>RECOMMENDED DRY FILM: 1 – 2 mils</p> <p>RECOMMENDED PRIMER: N/A</p> <p>CLEAN-UP SOLVENT: Xylene or Mineral Spirits</p> <p>DRY TIME TO TOUCH; 15 minutes</p> <p>TO HANDLE; 2-4 hours</p> <p>HARD; Overnight</p> <p>TO RECOAT: 2-4 hours.</p> <p>.</p>

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**EAGLE BRIDGES MARATHON**  
**Custom Engineered Industrial Paints, Coatings and Adhesions**  
**P.O. Box 496 Byron, Georgia 31008, 478-956-5605 Fax: 478-956-3617**



## **EAGLE BRIDGES PRODUCT DATA**

**Product: 1200 Degrees F Black DTM Silicone Enamel      Product Number: TBD**

DESCRIPTION: 1200 Degrees F Black DTM Silicone Enamel is designed for use on steel substrates subjected to elevated temperatures up to 1200 degrees F. Although this product dries rapidly, it remains somewhat soft until exposed to heat over 300 degrees F. and may be susceptible to mechanical damage. However, it is unaffected by moderate term weather exposure. It is recommended that the substrate temperature be controlled between 300 and 500 F. for 4 hours after application before the temperature is increased up to its maximum of 1200 F.

<b>PROPERTIES</b>	<b>APPLICATION</b>
VISCOSITY: 60-70 KU Stormer Viscosity	PREPERATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching
POUNDS PER GALLON: 9.47 +/- .3	TYPE OF APPLICATION:
GLOSS: Flat	BRUSH: Not recommended
FLASH POINT: 45 DEG F	ROLL: Not recommended
VOLATILE ORGANIC COMPOUND (VOC): 4.22 lbs. per gallon/ 506 grams per liter	SPRAY: Excellent Airless: Excellent Electrostatic: Needs adjustment
SOLIDS: by volume: 39.56 (+/-) 2% by weight: 55.41 (+/-) 2%	Application properties can be adjusted with special solvents.
THEORETICAL COVERAGE @ 1 mil dry: 634.61 sq. ft. per gallon. No loss assumed.	REDUCTION: As needed
SAFETY: Flammable. Vapor harmful, keep away from sparks and flame. Adequate ventilation is required. No Smoking. See SDS for complete safety requirements	REDUCING SOLVENT: Xylene
	REDUCED VISCOSITY: As needed
	RECOMMENDED DRY FILM: 1.5-2.0 MILLS
	RECOMMENDED PRIMER: N/A
	CLEAN-UP SOLVENT: Xylene
	DRY TIME: Air dry at 77 degrees F and 50% R.H.
	To Touch: 30 minutes
	To Handle: 1 hour
	Put In Service: 4 hours @300-500 F Before increasing temp
	beyond 500 F.

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## **EAGLE BRIDGES PRODUCT DATA**

**Product: Black Solvent Stove Enamel**

**Product Number: 1222**

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

<b>PROPERTIES</b>	<b>APPLICATION</b>
<p>VISCOSITY: 55-60 #2 Zahn Seconds</p> <p>POUNDS PER GALLON: 8.989</p> <p>GLOSS: Flat</p> <p>FLASH POINT: 45 DEG F</p> <p>VOLATILE ORGANIC COMPOUND (VOC): &gt;4</p> <p>SOLIDS: by volume: 28.74 (+/-) 2% by weight: 45.17 (+/-) 2%</p> <p>THEORETICAL COVERAGE @ 1 mil dry: 461 sq. ft. per gallon. No loss assumed.</p> <p>FLEXABILITY: Excellent</p> <p>IMPACT RESISTANCE: Excellent</p> <p>PENCIL HARDNESS: HB</p> <p>ADHESION: Excellent</p> <p>SOLVENT RESISTANCE: Good</p> <p>HEAT RESISTANCE: Excellent up to 800 F</p> <p>HUMIDITY RESISTANCE: Good</p> <p>WATER IMMERSION: Good</p>	<p>PREPERATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching</p> <p>TYPE OF APPLICATION:</p> <p>BRUSH: Not recommended</p> <p>ROLL: Not recommended</p> <p>SPRAY: Excellent</p> <p style="padding-left: 20px;">Airless: Excellent</p> <p style="padding-left: 20px;">Electrostatic: Needs adjustment</p> <p>Application properties can be adjusted with special solvents.</p> <p>REDUCTION: As needed</p> <p>REDUCING SOLVENT: Xylene</p> <p>REDUCED VISCOSITY: As needed</p> <p>RECOMMENDED DRY FILM: 1.0-1.5 MILLS</p> <p>RECOMMENDED PRIMER: N/A</p> <p>CLEAN-UP SOLVENT: Xylene</p> <p>BAKE: 10 minutes @ 325 F</p> <p>DRY TIME: Air dry at 77 degrees F and 50% R.H.</p> <p style="padding-left: 20px;">To Touch: 30 Minutes</p> <p style="padding-left: 20px;">To Handle: 30 Minutes</p> <p style="padding-left: 20px;">Hard: 24 hours</p> <p style="padding-left: 20px;">To Recoat: 24 hours</p>

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# EAGLE BRIDGES PRODUCT DATA

**Product: VERY HI TEMP ALUMINUM**

**Product Number: 1217**

DESCRIPTION: An aluminum air dry enamel designed to have excellent heat resistance.

<b>PROPERTIES</b>	<b>APPLICATION</b>
<p>VISCOSITY: 18-23 #2 Zahn Seconds</p> <p>POUNDS PER GALLON: 8.15</p> <p>GLOSS: N/A</p> <p>FLASH POINT: 80 DEG F</p> <p>VOLATILE ORGANIC COMPOUND (VOC): &gt;4</p> <p>SOLIDS: by volume: 23 (+/-) 2% by weight: 32.5 (+/-) 2%</p> <p>THEORETICAL COVERAGE @ 1 mil dry: 371 sq. ft. per gallon. No loss assumed.</p> <p>FLEXABILITY: Good</p> <p>IMPACT RESISTANCE: Good</p> <p>PENCIL HARDNESS: HB</p> <p>ADHESION: Very good</p> <p>SOLVENT RESISTANCE: Good</p> <p>HEAT RESISTANCE: Excellent up to 800 F</p> <p>HUMIDITY RESISTANCE: Good</p> <p>WATER IMMERSION: Good</p>	<p>PREPERATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching</p> <p>TYPE OF APPLICATION:</p> <p>BRUSH: Not recommended</p> <p>ROLL: Not recommended</p> <p>SPRAY: Excellent</p> <p>Airless: Excellent</p> <p>Electrostatic: Needs adjustment</p> <p>Application properties can be adjusted with special solvents.</p> <p>REDUCTION: As needed</p> <p>REDUCING SOLVENT: Xylene</p> <p>REDUCED VISCOSITY: As needed</p> <p>RECOMMENDED DRY FILM: 1.0-1.5 MILLS</p> <p>RECOMMENDED PRIMER: N/A</p> <p>CLEAN-UP SOLVENT: Xylene</p> <p>BAKE: 10 minutes @ 325 F</p> <p>DRY TIME: Air dry at 77 degrees F and 50% R.H.</p> <p>To Touch: 30 Minutes</p> <p>To Handle: 30 Minutes</p> <p>Hard: 24 hours</p> <p>To Recoat: 24 hours</p>

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