

SELECTION & SPECIFICATION DATA

Generic Type	Temperature resistant, silicone, acrylic primer / finish.
Description	An intermediate heat primer/finish that is a durable product with air-dry characteristics. It is self-priming or may be available in a zinc filled system for severe environments.
Features	<ul style="list-style-type: none">• Withstands temperatures up to 500°F• Excellent gloss and color retention• Self priming• Good flexibility
Color	Black (0900) Other colors available upon request
Finish	Gloss
Dry Film Thickness	1 mil (25 microns) per coat Applied in one or tow coats. Can be applied over itself.
Typical Uses	Used on piping or equipment operating at elevated temperatures, which exceed the temperature, limits for conventional coatings. The coating performs its best in continuous temperature situations. This product contains no chlorides and can be used as a primer under insulation on stainless steel. When applying on hot surfaces, use multiple thin coats reduced with Thinner 229. Primer is critical
Solids Content	By Volume 22% +/- 2% Solids by Weight: 32% +/- 2%
Theoretical Coverage Rate	353 ft ² /gal at 1.0 mils (8.7 m ² /l at 25 microns) Allow for loss in mixing and application.
Dry Temp. Resistance	Continuous: 500°F (260°C)

SUBSTRATES & SURFACE PREPARATION

General | Near White Metal Sandblast (SSPC-SP 1 0-63) (Sa2 Y2)

MIXING & THINNING

Mixing | One component and requires thorough mixing. (Mechanical agitator preferred)

Thinning | 10-15% with Thinner 10 or Thinner 229

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

General | Conventional or Airless spray preferred. Can be brush or roller applied

American SAC Heat Resistant

PRODUCT DATA SHEET



APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Conventional Spray

Spray Pot Dual Regulation Air Gauges for Pot Pressure and Atomization Pressure
Air Supply (in): 100 psi
Material Hose Diameter (ID): 1/2" (1.3 cm)
Material Hose Length: 50-75' (15-23 m)
Air Hose (ID): 5/16" (7.9 mm)
Fluid Pressure: 10-20 psi
Atomization Pressure: 45-60 psi
Fluid Tip Orifice Size: 0.046" (1.2 mm)

APPLICATION CONDITIONS

Condition	Ambient
Minimum	40°F (4°C)

Do not apply at temperatures less than 40°F (4°C) or humidities greater than 85%.

CURING SCHEDULE

Surface Temp.	Dry to Touch	Dry to Topcoat	Firm
77°F (25°C)	30 Minutes	3 Hours	3 Hours

CLEANUP & SAFETY

Cleanup | Use Thinner 10 or Thinner 229 for clean up and thinning.

Safety | Keep away from sparks or flame. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator during and after applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

WARNING! FLAMMABLE! HARMFUL IF INHALED, CAUSES IRRITATION.

PACKAGING, HANDLING & STORAGE

Packaging | Consult your Carboline representative.

Shelf Life | 1 year

WARRANTY

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