



29-9004

Heat Resistant Black

Silicone modified resin system, designed for use in cases where constant heating to 800°F is expected. This product dries to handle very quickly, full cure does not occur until the first heat cycle in service.

- Wood stoves
- Piping
- Motors

Outstanding Characteristics

- Fast Air Dry
- Flat Jet Black Finish

Physical Data

Finish:	Flat
Colour:	Black
Weight Solids:	27.8% ± 0.5%
Volume Solids:	22.0% ± 0.5%

Resistance Table

- Heat resistant to 800°F
- Excellent solvent resistance

Recommended Systems

- Primer not recommended
- For Heat Resistant Coatings

Surface Preparation Ferrous Must be clean and free from dirt, oil, grease, rus (steel) other contaminants. Sandblasting to SSPC SP-6 better is recommended. Proper surface preparat will enhance the performance of the coating syst during service conditions. Substrate must extremely clean when used in high heat application Any surface residue will cause film failures at h temperatures. Aluminum Clean using an appropriate conversion treatment. Wood Not Recommended Instructions for Use Application Application Instructions Can be custom formulated to meet a wide variety of application requirements. Mixing Instructions Components: One Reducer:	Ferrous N (Steel) o b w d d Aluminum C Wood N Instructions Application Inst Can be custom requirements. Mixing Instru Components:	Must be clean other contami petter is recon will enhance t during service extremely clea Any surface re emperatures. Clean using an Not Recomme	ninants. Sandblasting to SSPC SP- mmended. Proper surface prepara the performance of the coating sys ce conditions. Substrate must an when used in high heat applicati residue will cause film failures at l s. n appropriate conversion treatment
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Viscosity...

 $45^{\prime\prime}\pm3^{\prime\prime}$ #4 Ford Cup



Application Method

Conventional Air Spray	Reduce up to 15% with 20-4100 or 20-4101 to 20-22 seconds #2 Zahn Cup.
Air Assisted Airless	Not Recommended.
Airless	Not Recommended.
Electrostatic Spray	Some adjustment for polarity may be necessary to a minimum of 2 mohms. Use conventional electrostatic only
Dip	Not Recommended.
Brush or Roller	Not Recommended.

Safety Precautions

automotive use only

Other

Please refer to the Material Safety Data Sheet (MSDS) for

information regarding health, physical and

cause failure during heat cycle.

environmental hazards, handling precautions and

recommended first aid procedures. For industrial and

Other - Do not apply in excess of 0.75 mils dry film thickness in high heat applications >176°C (>350°F)

Control of dry film thickness is critical to the success of high heat systems during it's service life. Do not exceed the

recommended dry film thickness for this product as it may

Do not paint unless the temperature is a minimum of 5°F (3°C) above the dew point.



Recommended Film Build Thickness & Cover Rate

Allow for application loss and surface irregularities. Total Dry Film Recommendation..1.0-1.5 mils (25-37.5 microns) over surface profile. **Calculated Coverage** 1.0 Mils DFT 352 ft²/usg 8.6 m²/L

25 microns DFT



Dry Time

Dry time @25°C, 77°F	50% Rel. Humidity
To Touch:	10 Minutes
Tack Free:	20 Minutes
To Recoat:	Not Recommended.
Hard:	24 Hours – full cure occurs
	after the first service cycle.



IMPORTANT - The information contained in this data sheet pertains to material currently offered and represents the results of laboratory evaluation and is intended as a guide. Since the customer's application requirements are not under our control, Tempo Aerospace Inc. cannot make any warranties or guarantees for the results obtained.