



FleetSpec[™] 500

1K High Heat Resistant Silicone Enamel (900°F)

Description:

FleetSpec[™] 500 is a 1K high heat resistance silicone enamel for automotive, fleet, industrial and marine applications where continuous temperatures up to 900°F is required. Resistant up to 1025°F intermittent periods. Excellent for chimneys, fire pits, grill exteriors.

Advantages:

- Heat Resistant to 900°F
- Low Gloss Finish
- Excellent Durability
- Black in Color.
- Smooth Finish
- East to Apply

Uses:

- Vehicles
- Oil Rig Equipment
- Fleet Truck and Trailers
- Grills or Fire Pits
- Marine Applications

System Components:

- 500 Black

Material Properties

Gloss Level	Low Gloss 15-20
Weight Solids	43%
Volume Solids	28.5%
VOC	5.0
Dry Film Thickness	1.0-1.5.mils
Colors Available	Black
Pot Life (68°F/20°C)	N/A @ 70°F 50% RH
Theoretical Coverage	285 sq.ft./gal.@ 1.5 mils DFT
Practical Coverage	As a guideline for spraying on large dimensions: 70% theoretical

Surface Preparation:

Product has no anti-corrosive ingredients, if corrosion resistance is desired product must be applied over any compatible primer as listed below. If sanding of primer is desired, sanding should be completed with a 220 grit to 400 grit sandpaper. Surface must be cleaned and tacked prior to applying topcoat.

Coating Compatibility: FleetSpec[™] 500 may be applied over any of the following:

- 960FS Urethane Primer Surfacer
- 970FS Urethane Spray Fill Primer
- 853 Multi Surface Epoxy Primer Sealer
- 980 HS Multi Surface Epoxy Primer
- 900 DTM Urethane Primer
- 985 HS Epoxy Zinc Primer



Application Information

Preferred Spray Method:	Air Spray / HVLP
Thinner:	SZ680, SZ670
Quantity:	20-30%
Nozzle or Tip Size:	1.2 to 1.4
Fluid Pressure:	20-40 PSI
Air Pressure:	30-60 PSI
Dry Film Thickness:	1.0-1.5 Mils

Curing Times: 70°F @ 2-4 mils DFT

To Touch:	1-2 Hours
Melt in Time:	10 Minutes
Tack Time:	20-30 Minutes
To Handle:	1-2 Hours
Dry Through:	24 to 36 Hours
Full Cure:	7 Days
Force Cure:	30 Minutes @150°F

Wait 3-4 days before exposing the coating to high temperatures. Complete hardness is obtained after one hour @ 302°F-356°F. During force curing in an oven, the product will emit vapors up to the melting or hardening phase. To prevent this increase temperature gradually until fully cured.

Product Details

Shelf Life:	2 years from date of manufacture.
Storage:	Store in a well-ventilated area. Conditions should be between 35° F (2° C) and 120° F (48° C).
Cleaning Instructions:	Clean immediately after application using MEK or Lacquer Thinner

Health & Environmental:

In accordance with OSHA regulations on hazardous materials, harmful and irritating if in contact with skin, eyes and by inhalation. Observe safety information from MSDS sheets. Always wear proper protective suits, gloves and eye protection. In case of eye contact, immediately wash with large amounts of water and contact a medical expert. If spraying, always wear proper NIOSH approved respirators. Fresh air fed respirators are preferred. Do not eat, drink or smoke during application. Discharge, treatment or disposal is subject to federal, state, commonwealth, provincial and local laws. Since empty containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition. Do not cut, drill, grind or weld on or near this container.

Warranty / Disclaimer:

The technical data and other printed information furnished are true and accurate to the best of our knowledge. The products are warranted pursuant to the acceptance of limited warranty. A copy of which can be obtained from Baril Coatings, which is the exclusive warranty with respect to the sale of this product. The modification of any component or uses not outlined in this bulletin nullifies the warranty unless advance written confirmation is obtained from Baril Coatings. No other warranties expressed or implied shall apply. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, shall be to supply replacement materials as set forth in the limited warranty.

