



Heat Resistant Silicone Modified Enamel

SF2000-Series Engine Enamel

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Exact color match – 0.5 DE or better

Fast dry, exterior grade, heat-resistant enamel that will adhere to most substrates and previously painted surfaces. Top coat – air dry or low temperature cure.

This enamel is recommended as a durable, heat-resistant topcoat for engine and exhaust components and other high-heat industrial applications.

Product Details:

- Substrate: Bare metal or painted surfaces
- Gloss: Mid to Low Gloss
- Finish: Smooth or Textured
- Color: Exact match, 0.5 DE or better

Performance & Technical Data:

All values are theoretical and may vary based on formulation, pigment selection, additives, curing time, and mil thickness. Actual values could vary slightly due to manufacturing variability.

Dust Free / To Handle (@ 1 mil)	45 minutes / 2.5 hours
Dry Through / To Recoat (@ 1 mil)	72 hours / Before 15 minutes or after 120 hours
Net Weight Per Gallon	Consult SDS for specific formulation
Theoretical Coverage	800 sq ft/gal average @ 1 mil
Cross Hatch Adhesion	Per ASTM D 3359: 5B (100%) after 48 hours to most metal substrates (including treated & untreated steel)
Flammability	Extremely Flammable (aerosols); Flammable (liquid)
Health & Safety	Dry paint film is non-flammable, non-hazardous, and contains no heavy metals
VOC Content	See Environmental Data Sheet for specific formulation
Application Temperature	Minimum 60°F; Maximum 85°F
Heat Resistance	Up to 600°F of intermittent heat exposure

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Description

SF2000-Series aerosol enamels are developed specifically for air cooled aircraft engines used in the general aviation industries.

Components

- SF2000-A – Continental Gold
- SF2100-A – Lycoming Gray
- SF2200-A – Gloss Black
- SF2300-A – Red
- SF2400-A – Yellow
- SF2500-A – White

Mixing Ratio

Shake well before use.

Suitable Substrates

- Properly treated steel or aluminum
- Epoxy primers
- Etching primer

Surface Preparation

- Wash surface with mild detergent and rinse with water. Dry surface.
- Mask off or protect areas from overspray.

Application

Number of Coats:	1 – 2
Application Density:	Medium-wet
Overlap:	30 – 40%
Flash:	5 minutes or until the surface is dull
Application Conditions:	Minimum substrate temp – 50°F; Maximum substrate temp – 100°F; Ambient humidity – Less than 80% preferred

Flash/Dry Times

Ambient Application (reported at 77°F and 80% Humidity)

- Flash Between Coats: 5 – 10 minutes
- To Topcoat: 30 minutes – 24 hours

Physical Data

Color:	See product description
Odor:	Solvent odor
Physical State:	Aerosol – Pressurized liquid
Freezing Point:	Not established (liquid)
Boiling Range:	<-18°C to 177°C (<0°F to 350°F)
Flash Point:	<-18°C (<0°F)
Evaporation Rate:	Faster than Ether
VOC Percent:	46.2
Percent Volatile, wt. %:	81.7
Solubility (water):	Negligible

Safety

Before using any Superflite product be sure to read all MSDS, application instructions, and warnings. Always wear a properly fitted air purifying respirator with organic cartridges and particulate filter or a fresh air supplied respirator, eye protection, gloves, and protective clothing while exposed to any chemical.

Warning Statement

This product is intended for use by professionally trained painters only. Use as directed. The data presented herein was determined under our controlled conditions. Since environmental conditions play a large role in performance, variations in the data presented herein may be observed as environmental conditions change. This document does not constitute a warranty or guarantee of any kind. Use at your own risk.