



## PRODUCT DATA SHEET – FINISH COAT SERIES

### PT-355 ENGINE ENAMEL

#### DESCRIPTION

**PT-355 Engine Enamel** is a heat resistant enamel packaged in bulk or aerosol cans. It is intended for use over metal surfaces that can withstand temperatures of 500°F. Although some colors will darken at this temperature, the integrity of the coating will remain intact. The Engine Enamel can be applied over bare, scuffed, sanded, abrasive blasted, primed and previously painted surfaces and shows excellent protection.

#### COLORS

This coating can be provided in white, red, yellow, orange, green, blue, gray, black and silver. Custom color matching is available upon request.

#### COATING PROPERTIES & CHARACTERISTICS

Recommended Dry Film Thickness	0.6 – 1.5 mils.
Spray Viscosity	14 seconds, max #4 Ford
Weight per Gallon	10.13 lbs.
Theoretical Coverage	600 sq.ft/gl at 1 mil thickness

#### SHELF LIFE

Shelf life is only applicable for materials stored in unopened and undamaged original factory filled containers. 1 year when stored at 50°-85° F.

#### SURFACE PREPARATION INSTRUCTIONS

**ALL SURFACES:** Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with PTC-2001C 0 VOC All Purpose Aircraft Cleaner/Degreaser. Then rinse thoroughly with water. If you wish to use solvents PTI recommends IPA, Acetone or MEK. Remove all remaining dust and debris by lightly wiping the surface with a tack rag or cheese cloth. All surfaces must be dry at time of application.

**STEEL:** Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove all loose rust, mill scale, and deteriorated previous coatings. Abrasive blasting to a minimum Commercial Grade (SSPC-SP-6, NACE 3) with a 1–2 mil (25–50µ) surface profile is recommended for optimal performance. Abrasive blast cleaned steel requires two coats of primer. Scuff the surface with scotch bright pads.

- For additional protection apply PTI's Acid Etch Primer.

#### MIXING INSTRUCTIONS

Shake the aerosol can until the rattle comes loose and then continue to shake for 5 minutes or until the contents of the can are even dispersed.



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### APPLICATION

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This product can be applied using an aerosol can or conventional spray equipment.

1. Always air-blow and tack wipe the surfaces to be painted.
2. Best application results: apply 2 coats: 1 fog/tack coat & 1 full coat from 0.6 – 1.5 mil thickness.
3. Recommended Dry Film Thickness is 0.6-1.5 mils.

NOTE: Application of PTI products requires the use of all OSHA approved safety equipment, including proper ventilation. Additionally, PTI products require the recommended temperature/humidity conditions and film thickness ranges for optimal performance. The material, hangar, and aircraft skin temperatures should be no lower than 75° F / 25° C before, during and after application.

### DRYING & CURING SCHEDULE

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Dry times are based on the dry film thickness between 0.6 – 1 mils (25-50 microns). Thicker films and cooler conditions may take the coating longer to dry.

**Air Dry:**

Allow applied coating to dry for at least 20 minutes or until the coating is dry hard before handling or exposing to heat.

### HEALTH, SAFETY, & STORAGE REQUIREMENTS

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Refer to each individual material SDS (Safety Data Sheet) for specific requirements on the health, safety, storage and handling requirements. Follow all local, state, and national regulations during surface preparation, material application and cleanup.

### PRODUCT INFORMATION & DISCLAIMER

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Product Data Sheets are periodically updated to reflect new information. It is important to use the latest and most recent revision for the product being used. The foregoing information is accurate to the best of our knowledge. However, due to differences in customer handling, use and method of application which are not known and are beyond our control, Products Techniques, Inc. makes no warranties as to the end result.