

## PRODUCT DATA SHEET

### PT-562 CELLULOSE NITRATE LACQUER PRIMER PT-562 PRIMER SERIES

#### DESCRIPTION

**PT-562** is a fast drying, spray type, corrosion inhibiting cellulose nitrate primer. This Lacquer primer meets and exceeds MIL-P-7962D. PT-562 acts as a tie coat between a pretreatment coating, such as PT-402 Acid Etching Primer and any of PTI's nitrocellulose or acrylic-nitrocellulose lacquers. It is satisfactory for use over new pretreatment coating or previously painted metal which has been stripped clean.

#### COLORS

This coating can be provided Yellow.

#### COATING PROPERTIES & CHARACTERISTICS

Reducer	TT-T-266D, PT-1002 or PT-1003 TYIII
Recommended Dry Film Thickness	0.6 – 0.9 mil
Spray Viscosity	14 seconds, max #4 Ford
Weight per Gallon	10.13 lbs.
Coatings VOC	539 grams per liter

#### SHELF LIFE

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

#### SURFACE PREPARATION INSTRUCTIONS

**ALL SURFACES:** Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with PTC-2002 or GTS-2000 0 VOC Cleaners/Degreasers or other suitable detergent cleaner/ degreaser. Then rinse thoroughly with water. If you wish to use solvents PTI recommends IPA, Acetone or MEK. Rinse thoroughly with fresh water and allow to fully dry. 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.

**PRETREATMENT:** Apply PT-402 Acid Etching Primer according to the technical data prior to applying this primer.

#### MIXING INSTRUCTIONS

Mix the paint on a shaker for 5 – 10 minutes for optimal results.  
Admix by volume:

1. Start by adding 3 parts thinner TT-T-266D, PT-1002 or PT-1003 TYIII to 2 parts primer by volume.
2. Mix only an amount that can be used in one day.

### APPLICATION

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This product can be applied using conventional air spray equipment, HVLP spray system. Please consult with a PTI representative for specific equipment recommendations and settings.

1. Make sure pots, guns, and lines are purged and cleaned.
2. Mix both base and catalyst thoroughly and filter/strain before spray application.  
**NOTE:** It is not recommended to strain flat/matte coatings.
3. HVLP spray pressure: 7-10psi. Conventional equipment air pressure 15-35 psi
4. Always air-blow and tack wipe the surfaces to be painted.
5. Best application results: apply 2 coats: 1 fog/tack coat & 1 full coats from 0.6 – 0.9 mil thickness.
6. Recommended Dry Film Thickness is 0.6-0.9 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 - 0.9 mils (25-50 microns).

#### **Air Dry:**

Allow applied coating to dry for at least 30 minutes before apply a top coat. Primer dries dust free in 5 minutes and dries hard in 15 minutes

**Always bring the coating to the “tack free” stage before top coating.**

### EQUIPMENT CLEANUP

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Use clean recommended thinners, IPA or Acetone. Do not allow material to dry or cure inside any equipment.

### 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.