

Simco Coatings Inc.

Manufacturer of Military Spec.,  
Corps of Engrs. Spec, Industrial, &  
Marine Coatings

## TECHNICAL DATA SHEET

### **PRIMEGUARD-1757** **FAST DRY RUST INHIBITIVE ALKYD PRIMER**

**DESCRIPTION:** This product is a one component, VOC compliant alkyd based primer intended primarily for use as corrosion-inhibiting primer on aluminum and aluminum alloy structures and surfaces and on substrates coated with a pretreatment coating conforming to MIL-C-8514 or DOD-P-15328.

**CONFORMANCE:** This product conforms to Federal Specification TT-P-1757 REV B, Type (I or II)

Class -C Chromate Based Corrosion-Inhibitors  
Class- N Non-Chromate Based Corrosion-Inhibitors  
Color -Y Deep Yellow  
Color -T Green (Fed-Std-595, Color # 34151)

### **TECHNICAL DATA**

<b>GENERIC TYPE:</b>	Mixture of Phenolic & Alkyd Resins
<b>COLOR &amp; FINISH:</b>	Yellow or Green, Low Sheen
<b>SOLIDS BY WEIGHT:</b>	75 ± 2 %
<b>SOLIDS BY VOLUME</b>	58-60 %
<b>VOLATILE ORGANIC COMPOUNDS (VOC):</b>	2.8 lbs./gallon or 340 g/l.
<b>RECOMMENDED DRY FILM THICKNESS (DFT):</b>	0.6-0.9 mils
<b>THEORETICAL COVERAGE @1 MIL DFT:</b>	Approx. 800 Sq. Ft./Gal.
<b>FLASH POINT:</b>	81°F
<b>RECOMMENDED THINNER:</b>	MIL-T-81772, Type-III
<b>SHELF LIFE:</b>	1 Year
<b>DRYING TIME @ 75 °F:</b>	
A.) TO TOUCH:	15 Minutes
B.) TO HANDLE/TOPCOAT:	1-2 Hrs.

### **SURFACE PREPARATION:**

Prior to the application of the primer, all surfaces to be painted must be clean, dry and free of all dirt, rust oil, grease and all other contaminants.

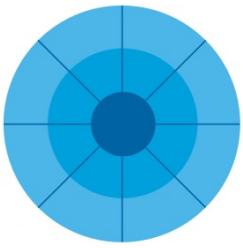
For best results, blast clean to "near white metals "as per SSPC-NO. 10 spec.

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**APPLICATION:**

Apply by spraying, brushing or dipping over surface treated metal or pretreatment coating. If used for dip or flow-coat application, the suitability should be determined by the user. Mix the product thoroughly before use. If required, thin up to a maximum of 5% of T-81772 Type III Alkyd Thinner.

**SAFETY PRECAUTIONS:**

- (A) Use normal precautions such as gloves and facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin and eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain immediate medical attention.

**NON-WARRANTY:** The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for the coverage, performance or any other damages, including injuries resulting from the use of this information or of products recommended herein.

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