



# TECHNICAL DATA SHEET

TECHNICAL DATA SHEET  
MIL-C-8514C YELLOW  
PRIMER FOR MPI #95  
METAL PRETREATMENT  
WASH PRIMER  
PAGE 1 OF 2

**PRODUCT:** A two-component metal pretreatment wash primer.

**DESCRIPTION:** Metal Pretreatment Wash Primer is a two-component, zinc-chromate pigmented, polyvinyl butyral coating. It serves as an excellent bond coat to many surfaces including aluminum, galvanized metal, lead, brass, magnesium, fiberglass and ferrous metals. May also be used on blasted clean steel surfaces with some vinyl systems. This primer is available in two transparent colors; green and yellow. Meets specifications MIL-C-8514C.

**PROPERTIES:**

SOLIDS(Weight)..... 19 - 21%  
SOLIDS(Volume)..... 15 - 17%  
VISCOSITY..... 57 - 75 KU  
COLORS.....Yellow  
POT LIFE(77 degrees F)..... 8 Hours\*\*  
TACK FREE..... 15 Minutes\*\*  
DRY HARD..... 30 Minutes\*\*  
SHELF LIFE..... 1 Year  
THINNER..... T-120-66  
COVERAGE..... 750 - 800 sq.ft/gal  
MIXING RATIO..... 4:1 BY VOLUME  
\*\* Dependent on temperature and humidity levels.

**ADVANTAGES:**

- (1). Promotes Excellent Base
- (2). Serves as a Tiecoat
- (3). Fast Dry
- (4). Excellent Coverage Rate
- (5). Meets Government Specifications



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PAGE 2 OF 2

**SURFACE PREPARATION:** *Steel, Non-Ferrous Metals & Galvanizing.*

Surface to be coated must be clean, dry, and free of all foreign contaminants including grease, oil, dirt and paint. Clean in accordance with SSPC-SP-1. Alloys that oxidize must be lightly sanded to remove all loose material. Dirt and dust are best removed with a stiff bristle brush and by compressed air. Grease and oil should be removed by cleaning with appropriate solvents such as mineral spirits, lacquer wash thinner or xylene. For immersion service, ask your representative for special surface preparation recommendations.

**MIXING INSTRUCTIONS:** Thoroughly mix each component before combining. Add 2 parts T-120-66 thinner to 1 part of C-152-66 Acid Component. Add this mixture to 4 parts of the primer (resin component) slowly while mixing. Slight additional thinning may be done with T-120-66 but not with the acid component. Do not mix more material than can be used in 8.

**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

CONTENTS ARE FLAMMABLE.