

# MIL-C-8514C

## WASH PRIMER- Yellow

<b>TECHNICAL DATA SHEET</b>	
<b>DESCRIPTION:</b>	
<p>MIL-C-8514C Metal Pretreatment Wash Primer is a two-component, zinc chromate pigmented, polyvinyl butryl coating. It serves as an excellent bond coat to many surfaces including aluminum, galvanized metal, lead, brass, magnesium, and ferrous metals. May also be used on blasted clean steel surfaces with some vinyl systems. This primer comes in a transparent yellow, meeting specification MIL-C-8514C Also available in green under specification, DOD-P-15328D.</p>	
<b>INTENDED USE:</b>	
<p>This pretreatment coating is intended to be used as a treatment on aircraft metals prior to the application of any primer, and is not intended as a permanent coating in itself. The function of this pretreatment coating is to enhance the adhesion of the subsequently applied primer. This product was not designed to be applied over conversion coatings.</p>	
<b>MIXING:</b>	
<p>Stir components thoroughly. Slowly mix equal parts of primer "Part A" with catalyst "Part B" to acheive a 1-1 mix ratio ( by volume). Apply 1 medium coat to a dry film thickness of .2-.4 mils.</p>	
<p><b>COLORS:</b>                      Transparent Yellow</p> <p><b>SOLIDS</b> by volume        15-17%</p> <p><b>SOLIDS</b> by weight        19-21%</p> <p><b>Dry Times @77 °F</b>        Tack Free 15 min. *</p> <p>                                      Dry 30 min. *</p> <p><b>Dry Film Thickness</b>     .2-.4 mils</p> <p><b>Pot Life @ 77 °F</b>         4 hrs *</p> <p><b>Mix Ratio</b> by volume     1-1 w/ catalyst</p> <p><b>Shelf Life @ 77 °F</b>      12 months ( D.M.)</p> <p><b>Thinner</b>                     not required</p> <p><b>S.F. Coverage</b>            320-650 sq/ft gal. ***</p> <p>* times will vary with, humidity,temperature and film thickness.</p> <p>*** @ 100% transfer efficiency</p>	<p style="text-align: center;">Prep Procedure (aluminum)</p> <p>Solvent Wash (degrease &amp; clean)</p> <p>Alumiprep- ( acid based cleaner )</p> <p>MIL-C-8514C (acid etch primer)</p> <p>MIL-P-23377 (polyamide corrosion primer)</p> <p>Topcoats available: MIL-C-85285, MIL-C-83286 MIL-C-22750, MIL-C-46168, MIL-L-81352 &amp; more.</p> <p style="text-align: center;"><b>SAFETY:</b></p> <p>Refer to <b>Material Safety Data Sheets</b> before use</p> <p>Distributed by: <b>PACIFIC RESINS &amp; COATINGS LTD.</b> AIRCRAFT COATINGS &amp; RESINS 151- 5489 Byrne Road, Burnaby BC, Canada, V5J 3J1 Phone (604)432-6111 or (604)430-4151 Fax (604)432-7006 e-mail <a href="mailto:info@pwpaints.com">info@pwpaints.com</a></p>