

# AMERICAN COATINGS

## WP 9523 CHROMATE FREE VINYL WASH PRIMER

A two component pretreatment primer for use on properly prepared steel, aluminum, and galvanized metal. Necessary as a first step for coating galvanized and aluminum surfaces.

### GENERAL FEATURES

- LEAD & CHROME FREE
- PROMOTES ADHESION
- FAST DRYING
- COMPATIBLE WITH MOST TOPCOATS
- EXCELLENT ADHESION TO GALVANIZED OR ALUMINUM SURFACES

### DESCRIPTION

American WP 9523 Vinyl Wash Primer is an **acid etch** primer which gives an excellent bond to otherwise hard to coat surfaces.

### USES

American Coatings' WP 9523 Vinyl Wash Primer can be top-coated with a variety of finishes in include, alkyds, epoxies, polyurethanes, acrylics, and other vinyls. Check with your American Coatings representative for other top coats desired. WP9523 functions as an excellent primer for galvanized and aluminum substrates. Care should be taken to control film build. No more than 0.50 dry mils is required for optimum performance. The finished primer surface should be somewhat translucent, with the substrate metal marginally visible through the Wash Primer film.

Care should be taken to topcoat WP9523 within 24 hours. Also, note that wash primers do not tolerate surface moisture.

### PHYSICAL DATA

Gloss ----- Low  
Color ----- Yellow  
Applied Over ----- Steel, Galvanized, Aluminum  
Components ----- Two (1:1)  
Cure ----- Air Dry

Volume Solids ----- 7%

### Recommended Dry Film

Thickness ----- 0.2 – 0.50 mils  
Number of Coats ----- One  
Application Method ----- Conventional or Airless Spray

Thinning Required-----TH680 10 TO 30%

Dry Time @ 77°F and 50% relative humidity.

Touch ----- 15 minutes  
Through ----- 30 minutes  
Topcoat ----- 30 minutes

### \*Theoretical Coverage at:

Recommended Thickness ----- 560 – 224 sq. ft/gal.

### Temperature Limit

Immersed ----- NR  
Atmospheric ----- 150°F

### Miscellaneous Properties

Shelf life ----- 6 months  
Pot Life-Mixed @ 77°F ----- 2 hours

### SURFACE PREPARATION:

**Galvanize or Aluminum:** Apply over surfaces that are free of moisture, dirt, oil, or grease.

\*Theoretical Coverage: no provision for spray loss

**WP 9523**

**APPLICATION INFORMATION**

Do not attempt to apply WP9523 Vinyl Wash Primer when the ambient temperature is below 50°F and/or the relative humidity is above 85%.

**APPLICATION METHOD**

Conventional or Airless spray.

**MIXING**

Mix 1 part of WP 9523A to 1 part of WP 9523B. Stir thoroughly.

**CLEAN-UP AND THINNING**

Clean and thin with TH 680 thinner.

**SPRAY EQUIPMENT**

**FOR AIRLESS SPRAY**

Pump Ratio -----28:1  
Airless Supply Feed ----- 100 psi  
Hose Diameter (ID) -----1/4”  
Hose Length ----- 100’  
Tip Size (in) ----- .011-.015  
Atomization Pressure (psi) -----2,200

**FOR CONVENTIONAL SPRAY**

Air Supply W/Moisture Trap  
Air Supply ----- 100 psi  
Material Hose (ID) -----1/2”  
Material Hose Length (max)-----50’  
Air Hose (ID) ----- 5/16”  
Fluid Pressure (psi) ----- 10 – 25 psi  
Atomization Pressure (psi) ----- 45 – 60 psi  
Fluid Tip Orifice Size (in.) ----- .046  
Dual Regulated Pot

**SAFETY INFORMATION**

**WARNING FLAMMABLE, HARMFUL IF INHALED, CAUSES IRRITATION.**

Keep away from heat, sparks or flames. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors of spray mist. Wear an appropriate, properly fitted respirator during and after applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**SHIPPING DATA**

Proper Shipping Name -----Paint Liquid  
Hazard Class----- Flammable  
Flash Pt. °F SETA ----- 63°F

<b>Shipping Wt.</b>	<b><u>Part A</u></b>	<b><u>Part B</u></b>
	Ones 8.44 lbs.	Ones 7.85 lbs.
	Fives 41.0 lbs.	Fives 39.5 lbs.

UN No. ----- 1263

**PACKAGING**

Ones Part A ----- Ones Part B  
Fives Part A ----- Fives Part B

**DISCLAIMER**

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.

REVISED 02/2016