

AMERICAN COATINGS

WP 9521 VINYLWASH PRIMER

A vinyl etch primer for preparing coating special steel and paint surfaces.

Vinyl Wash Primer is a necessary first step for coating galvanized and aluminum surfaces.

GENERAL FEATURES

- LEAD & CHROME FREE
- FAST DRYING
- COMPATIBLE WITH A VARIETY OF TOPCOATS
- EXCELLENT ADHESION TO GALVANIZED OR ALUMINUM SURFACES

DESCRIPTION

American WP 9521 Vinyl Wash Primer is an acid etch primer which gives an excellent bond to otherwise hard to coat surfaces.

USES

American Coatings' WP 9521 Vinyl Wash Primer can be top-coated with a variety of finishes in include, alkyds, epoxies, polyurethanes, acrylics, silicone alkyds, epoxy esters, and other vinyls. WP9521 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 WP9521 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 ----- 8%

Recommended Dry Film

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

Thinning Required ----- None

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

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

*Theoretical Coverage at:

Recommended Thickness ----- 257 – 642 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

FOR CONVENTIONAL SPRAY

WP 9521

APPLICATION INFORMATION

Do not attempt to apply WP9521 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 9521A to 1 part of WP 9521B. 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) ----- .013-.015
Atomization Pressure (psi) -----2,200

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 COMBUSTIBLE, 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 ----- 62°F

Shipping Wt.	<u>Part A</u>	<u>Part B</u>
	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.
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