



AMERICAN COATINGS

WP 9521 VINYL WASH PRIMER

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

GENERAL FEATURES

- 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 WP 9521 can be topcoated with alkyds, silicone alkyds, epoxy esters, polyurethanes, epoxies, acrylics, and other vinyls. Use as a primer over aluminum or galvanized surfaces. Care should be taken not to over apply WP 9521. When WP 9521 is properly applied it should be opaque and an applicator should be able to see the underlying metal. Care should be taken to topcoat WP 9521 within 24 hours. WP 9521 will tolerate no 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----- None

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:

Preferred: Near White Sandblast (SSPC-SP5-63) (Sa3)

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

*Theoretical Coverage: no provision for spray loss
WP 9521

DISCLAIMER

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APPLICATION INFORMATION

Do not apply at temperatures if below 50°F and/or above 85% relative humidity.

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

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 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

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