



HIGH SOLIDS LEAD FREE PRIMERS
P-569 RED
P-581 WHITE
P-583 GRAY

DESCRIPTION: These products are designed as fast dry, low V.O.C. primers for miscellaneous steel. Lead and chromate free corrosion inhibitors and high solids content keep these products within current regulatory guidelines.

RECOMMENDED USES: For use wherever a fast dry primer is needed for industrial product finishing and refinishing. These products are a suitable performance alternate to federal specification TT-P-636 and TT-P-645.

TECHNICAL DATA

<u>THEORETICAL COVERAGE:</u> 956/889/835 mil feet per gallon @ 1.0 mil dry	<u>SHEEN:</u> Low gloss
<u>RECOMMENDED DRY FILM THICKNESS:</u> 1.5 - 2.0 mils per coat	<u>WEIGHT/GALLON:</u> 11.8 – 12.5 lb.
<u>DRYING TIME @ 70° F., 50% R.H.:</u> To Touch: 20-30 minutes	<u>VISCOSITY:</u> 67 - 75 Krebs Units
Tack Free: 30-45 minutes	<u>V.O.C.:</u> P-569 red: 2.9 lb./gallon
To Handle: 2-3 hours	P-581 white: 3.2 lb.; P-583 gray 3.5 lb.
<u>SOLIDS CONTENT:</u> by volume & by weight	<u>FLASH POINT:</u> 79° F.
P-569 red 60 76	<u>TEMPERATURE LIMIT (DRY):</u> 200° F.
P-581 white 55 74	<u>THINNER:</u> Brush: R-088; Spray: R-688
P-583 gray 52 70	<u>ASTM B117 SALT SPRAY TEST:</u> Passes 500 hours

IMPORTANT INFORMATION

Do not apply when the air, surface or product temperature is below 50° F. (15.5° C.). Do not apply at any temperature when the ambient air temperature is within 5° F. (3° C.) of the dew point to prevent moisture from condensing on the surface to be painted or on the freshly painted surface.

Primers are not recommended as a finish coat and should not go without top coating for an extended period in exterior exposure.

SURFACE PREPARATION

Paint only clean dry surfaces. Remove all oil, grease, dirt, mildew or other foreign matter by solvent wiping or hand-tool cleaning (refer to SSPC-SP2-63).

STEEL: Best results occur over blasted steel surfaces, however, this primer is designed for spraying over steel surfaces prepared in accordance with SSPC-SP2 "Hand Tool Cleaning" or better. Care must be taken to remove all oil, grease and other contaminants prior to and after hand or power tool cleaning or decreased performance will occur. Also any slick or glossy metal should be roughened with sandpaper or other abrasive prior to painting. Adhesion and performance are dependent on the degree of substrate preparation.

PREVIOUSLY PAINTED SURFACES: Remove all rust, rust scale, other corrosion products, loose or heavy chalk and loose or scaling paint by "Hand" or "Power Tool Cleaning" (SSPC-SP2-63 or 3-63, respectively). Sand or "Brush Blast" (SSPC-SP7-63) any glossy areas until dull. Spot prime bare areas as recommended. Always test for wrinkling by applying to test area and then checking for adhesion.

APPLICATION

Conventional or airless spray. Brush small areas only.

THINNING

Thin with R-088 for brushing or rolling and with R-688 for spraying. May be thinned 5% and still remain under 3.5 lb. V.O.C.

HANDLING PRECAUTIONS

WARNING: Flammable!

Keep away from heat and open flame.

Use with adequate ventilation.

Avoid prolonged or repeated contact with skin and breathing of vapor or spray mist.

Do not take internally.

Close container after each use.

KEEP OUT OF REACH OF CHILDREN.

These products and any recommended thinner contain solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage, handling, use and drying periods. For best results and safety usage, user is specifically directed to consult the current "Material Safety Data Sheet" for this product. When using this product in a confined space or closed area, consult the current OSHA or ANSI bulletins on safety requirements.

When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with the manufacturer's recommendations. If precautions are not taken, spraying of any material can be hazardous. When using or handling spray equipment, hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases wear protective eye equipment. Before using the products listed herein carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.