



## **P-501 RED OXIDE, ZINC CHROMATE PRIMER**

- DESCRIPTION:** This is a rust inhibiting primer formulated for priming both interior and exterior iron or steel and is not recommended for use as a finish coat. This product is free of any lead pigments or drier.
- RECOMMENDED USES:** For shop coating or field priming structural and miscellaneous steel. Intended for brush or spray application. Meets performance requirements of SSPC Paint #25.

### **TECHNICAL DATA**

<u>THEORETICAL COVERAGE:</u> 754 sq. ft. per gallon @ 1.0 mil dry	<u>SHEEN:</u> Flat
<u>RECOMMENDED DRY FILM THICKNESS:</u> 2.0 mils per coat	<u>WEIGHT/GALLON:</u> 10.07 lb.
<u>DRYING TIME @ 70° F., 50% R.H.:</u> To Touch: 1 hour To Handle: 4-6 hours To Recoat: Overnight	<u>VISCOSITY:</u> 74 - 78 Krebs Units
<u>SOLIDS CONTENT:</u> 47% by volume	<u>ENVIRONMENTAL CODES:</u> V.O.C. 3.52 lb./gallon Lead free
	<u>TEMPERATURE LIMIT (DRY):</u> 200° F.
	<u>THINNER:</u> R-134 or R-962
	<u>FLASH POINT:</u> 100° F.

### **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. Top coat as soon as practical.

### **SURFACE PREPARATION**

Paint only clean dry surfaces. Remove all oil, grease, dirt, mildew or other foreign matter by solvent or detergent washing.

**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**

Brush, roller or conventional or airless spray.

### **THINNING**

Thin with R-134 Reducer for brushing or rolling and with R-962 Reducer for spraying.

### **EQUIPMENT CLEAN UP**

Use R-688 Reducer.

### **HANDLING PRECAUTIONS**

**CAUTION: Combustible.**

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.

**FOR INDUSTRIAL USE ONLY.**

This product and any recommended reducers 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.