

## 18 – 83 ZINC CHROMATE ALKYD PRIMER

**DESCRIPTION:** PICCO 18 – 83 Zinc Chromate Alkyd Primer provides excellent protection of steel surfaces through sacrificial cathodic corrosion resistance and improved adhesion of the primer-topcoat system. PICCO 18 – 83 Zinc Chromate Primer is formulated to a specific pigment volume concentration in order to maximize impermeability and adhesion, while providing good tooth for subsequent topcoats. PICCO 18 – 83 Zinc Chromate meets the requirements for TT-P-645 Zinc Chromate Iron Oxide Primer.

### TYPICAL USES INCLUDE

Storage Tanks and Piping  
Machinery and Equipment

Structural Steel  
Bridges

Cranes and Lift Equipment  
Buildings, Trucks, and Trailers

### TYPICAL PHYSICAL PROPERTIES:

<b>COLOR:</b>	Mustard Yellow	<b>RECOMMENDED D.F.T.:</b>	1.5 – 2 mils
<b>COMPONENTS:</b>	One	<b>DRY TIME:</b>	@ 77° F, 55% R.H.
<b>GLOSS:</b>	Flat	To Touch:	15 - 20 Minutes
<b>MIXING RATIO (BY VOL.):</b>	N/A	To Handle:	2 Hours
<b>WT./GALLON:</b>	10.4 lbs	To Recoat:	3 Hours
<b>POT LIFE:</b>	N/A	<b>THINNING:</b>	Brush: T-33 or Mineral Spirits Spray: T-31 or VM&P Naphtha
<b>VISCOSITY AT 77° F:</b>	77 KU	<b>APPLICATION METHODS:</b>	Spray, Electrostatic Spray, Brush, Roll
<b>SHELF LIFE:</b>	2 Years	<b>FILM THICKNESS:</b>	
<b>SOLIDS BY WEIGHT:</b>	64%	Wet:	3.5 – 5.0 mils
<b>TEMP. RESISTANCE:</b>	225° F	Dry:	1.5 – 2.0 mils
<b>SOLIDS BY VOLUME:</b>	42%	<b>APPLICATION EQUIPMENT:</b>	
<b>CHEM. RESISTANCE:</b>	Moderate	CONVENTIONAL:	DeVilbiss 510 Gun E Tip + Needle, 704 Air Gap
<b>THEORETICAL COVERAGE:</b>	670 ft <sup>2</sup> /gal @ 1 mil dft	AIRLESS:	Graco 30:1 Pump, 613 Tip or equivalent
<b>FLASH POINT:</b>	90° F, TCC	<b>CLEANING OF EQUIPMENT:</b>	T-31
<b>V.O.C.:</b>	3.8 lbs/gal		

**PACKAGING:**

1 Gallon Cans

5 Gallon Pails

55 Gallon Drums

**APPLICATION CONDITIONS:**

Surface should be dry, above 40° F and at least 5° F above the dew point.

**SURFACE PREPARATION:**

Remove all grease, oil, dirt, dust or other contaminants.

PREFERRED: SSPC-SP6 Commercial Blast Cleaning

MINIMUM: SSPC-SP2 or 3 Hand or Power Tool Cleaning

**PREVIOUSLY PAINTED SURFACES:**

Remove all grease, oil, dirt, dust or other contaminants by Hand or Power Tool Cleaning. Surface must be clean and dry, SSPC-SP2 or 3 or Brush-Off Blast Cleaning SSPC-SP7. Spot prime all bare areas.

**RECOMMENDED TOP COAT:**

Alkyd Enamels, specifically PICCO 11 and 13 – Series Enamels.

**SAFETY INFORMATION****DOT CLASSIFICATION: PAINT UN 1263**

**DANGER:** Causes eye burns and skin irritation. Vapor harmful. Dried film of this paint may be harmful if eaten or chewed. Contains organic solvent. Some products contain lead depending upon color. Do not get in eyes, on skin or on clothing. Wear eye protective equipment when handling. Keep away from heat, sparks, and flame. Avoid breathing vapor or mist. Wash thoroughly after handling. Wear appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable level. Follow respirator manufacturer's directions for use. Keep container closed. Where products contain lead, do not use in dwellings or on surfaces accessible to children. Keep out of reach of children.

**FIRST AID:** IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. FOR SKIN CONTACT, FLUSH WITH WATER AND WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH, AND CALL A PHYSICIAN.

**NOTICE:** Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or **fatal**.

**FOR INDUSTRIAL USE ONLY**