

29 – 86 HS GRAY ZINC PHOSPHATE HIGH SOLIDS UNIVERSAL/TIE COAT PRIMER

DESCRIPTION: PICCO 29 – 86 HS Gray Zinc Phosphate High Solids Universal/Tie Coat Primer provides excellent corrosion protection of steel surfaces and can be top coated with alkyds, epoxies, or polyurethanes. This primer is VOC compliant and has a very fine grind which makes it suitable as an automotive primer. This product was originally developed around Federal Specification #TT-P-664.

TYPICAL USES INCLUDE

Storage Tanks and Piping
Structural Steel

Bridges
Machinery and Equipment

Automobiles
Buildings, Trucks, and Trailers

TYPICAL PHYSICAL PROPERTIES:

COLOR:	Gray	RECOMMENDED D.F.T.:	1.5 – 2 mils
COMPONENTS:	One	DRY TIME:	@ 77° F, 55% R.H.
GLOSS:	Flat	To Touch:	15 - 20 Minutes
MIXING RATIO (BY VOL.):	N/A	To Handle:	2 Hours
WT./GALLON:	11.3 lbs	To Recoat:	3 Hours
POT LIFE:	N/A	THINNING:	Spray: T-42
VISCOSITY AT 77° F:	72 KU	APPLICATION METHODS:	Spray, Dip, Electrostatic Spray
SHELF LIFE:	2 Years	FILM THICKNESS:	
SOLIDS BY WEIGHT:	74%	Wet:	2.5 mils
TEMP. RESISTANCE:	225° F	Dry:	1.5 mils
SOLIDS BY VOLUME:	60%	APPLICATION EQUIPMENT:	
CHEM. RESISTANCE:	Moderate	CONVENTIONAL:	DeVilbiss 510 Gun D Tip + Needle, 704 Air Cap
THEORETICAL COVERAGE:	960 ft ² /gal @ 1 mil dft	AIRLESS:	Graco 30:1 Pump 613 Tip or equivalent
FLASH POINT:	90° F, TCC	CLEANING OF EQUIPMENT:	T-42 or T-73
V.O.C.:	2.9 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

CORROSIVE: SSPC-SP10 Near White Metal Blast Cleaning

MINIMUM: SSPC-SP2 and 3 Hand and 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:

PICCO – 13, 14, 33 Series Enamel Topcoats

PICCO – 60 Series Epoxy

PICCO – 70 Series Polyurethane.

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