

CHARACTERISTICS:

Forrest's 716P Primers are fast drying, phenolic modified, rust inhibitive alkyd shop coat primers. This Low VOC and Low HAPS formulation exceeds most air quality regulations at this time.

Best used as a primer on clean, mild steel. The coating provides good rust resistance. The primer is excellent for interior or exterior application on steel buildings, mill machinery, or transportation equipment. You can use coating chemistries with Alkyd, Acrylic, Vinyl, Epoxy and Urethane over this primer.

COLORS:

716P100	White
716P220	Satin Black
716P300	Red Iron Oxide
716P504	Yellow Oxide
716P900	Gray

PRODUCT BENEFITS:

- Low VOC 3.5 lbs per gallon or less
- Low HAPS
- Rust Resistant
- Phenolic resin provides extra lift protection against strong solvents
- Uses with a wide variety of topcoat formulas
- Contains no lead or chromate pigments that can cause serious health problems.
- Easy to use

SURFACE PREPARATION:

Substrate surface should be clean, dry, and free from loose rust or debris and near ambient temperature before coating is applied. Surface may be solvent wiped, degreased or abraded as required to achieve optimal surface conditions. Preferred method would be by sandblasting or wheel abrading. Galvanized, aluminum and other non-ferrous metals will require acid etching preparation prior to paint application.

TEST RESULTS:

Salt Spray (ASTM B117)	Pass 1000 hrs.
Submersion	AW-46 Hydraulic Oil 24 Hrs. at 250°F

APPLICATION:

716P may be applied as supplied with Airless spray. Recommended tip size is 11-13 thousands. For conventional (cup gun) and air-assisted airless reduce with 81T714 at 5% - 10% by volume. Apply at 35-50 PSI air pressure. A light tack coat followed by a wet coat of 3-6 mils wet is preferable.

PHYSICAL PROPERTIES:

Vehicle:	Phenolic Modified Alkyd
Volume Solids:	27-33%
Weight Solids:	43-52%
Weight/Gallon:	8.8-9.9lb/gal
Viscosity:	68-KU
Gloss:	3-8@60 reflectance
Coverage:	457 sq ft/gal @ 1 mil dry
Recommended Dry Film:	1.5 mils dry
VOC:	3.5# or less
HAPS:	Less than 1%
Dry to Touch:	20 – 30 minutes
Tack Free:	40 – 50 minutes
Reducer:	81T714 Haps Free Thinner

SAFETY:

This product contains solvents and/or other chemical ingredients that mandate safety. Adequate health and safety precautions should be observed during storage, handling, use and drying periods.

**READ MATERIAL SAFETY DATA SHEETS
BEFORE USING THIS PRODUCT.**
LIMITATIONS

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and substrate conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use. Liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstance are we liable for incidental and consequential damages.