



Pruett-Schaffer
Coatings for a Green World
412-771-2000

www.pruett-schaffer.com

PRODUCT NUMBER **PRODUCT NAME**
36-SERIES **ALKYD UTILITY ENAMELS**

GENERAL DESCRIPTION

Pruett-Schaffer's 36-Series coatings are single component, air-drying, solvent based, medium oil length alkyd coatings. They have been one of the workhorse utility enamels for OEM painting for many years due to their cost effectiveness, good exterior durability and easy spray application with good thin film hiding. These coatings are available in conventional solids formulations only, and can be supplied in flat, semi- or high-gloss finishes, in a complete range of colors including Mil Spec, Federal 595 and OSHA safety colors, and custom colors. They are NOT VOC compliant.

RECOMMENDATIONS

36 Series are recommended for use over ferrous metal substrates exposed to normal atmospheric and industrial conditions anywhere a good general-purpose alkyd maintenance enamel may be used. These paints have good surface wetting properties for use when it is difficult to completely clean surfaces prior to painting. Formulated to be applied over primer, they may also be used direct-to-metal in many circumstances. They will provide good long term and cost effective protection for maintenance of heavy equipment, implements, and steel structures. 36-Series coatings may be used on wood and other dimensionally unstable substrates when properly formulated (by request), but should not be used in immersion or severe chemical exposure service.

SURFACE PREPARATION

For best performance, new metal substrates should be degreased, chemically cleaned, or sandblasted then primed. Power sanding or brushing followed by spot priming should be used to prepare rusted steel surfaces. Existing coatings, if tightly adhering, should be deglossed if necessary by brush blast or sanding; if the surface is chalky or extremely dirty, power wash it first and allow to dry. Feather all rough edges.

THINNING

May be thinned with xylol, mineral spirits or aromatic naphtha, but these paints are shipped ready to use and normally need no thinning. Overthinning may cause curtaining or sagging.

APPLICATION EQUIPMENT

Conventional air or airless spray equipment is the preferred method of application and will result in the best performing protective coating. Brush application may be used if desired. Typical recommended dry film build is 2-3 mils per coat when applied over primer, 3-4 mils when applied direct-to-metal.

DRYING TIMES & TEMPERATURES

These paints typically dry tack free dry in 2 - 4 hours in normal shop conditions (70 °F) when spraying 2 to 3 mils wet film in a single pass. They may be recoated in 8 hours if needed, ultimate cure is achieved in 5-7 days at 70 °F.

CLEANUP

Cleans up easily with xylol before the paint dries hard.

ENVIRONMENTAL

These products do not meet current air pollution regulations regarding hydrocarbon and ozone reactive emissions. They contain no zinc or chromate and comply with current federal regulations regarding the use of lead in paint.

PHYSICAL PARAMETERS

VOC, ASTM D-3960:
3.9 lb./gal

WEIGHT PER GALLON, ASTM D-1475:
7.7 - 9.0 LBS

NONVOLATILE:
By weight: 49-57%
By volume: 38-40%

THEORETICAL COVERAGE:
620-640 ft²/gallon/mil, dry film

VISCOSITY:
63-73 KU

INITIAL GLOSS, 60°, ASTM D-523:
75-80 in full gloss, also available in semi-gloss

FLASH POINT:
100 °F

THIS INFORMATION RESULTS FROM TESTS CONDUCTED IN A LABORATORY UNDER LABORATORY CONDITIONS. DIFFERENT RESULTS MAY BE OBTAINED IN COMMERCIAL USE OF THIS PRODUCT UNDER FACTORY OR FIELD CONDITIONS. PRUETT-SCHAFFER MAKES NO WARRANTY CONCERNING THE SUITABILITY OF THIS PRODUCT FOR THE END USE CONTEMPLATED BY THE BUYER, EXCEPT THAT THE PRODUCT SHALL BE IN COMPLIANCE WITH THE TECHNICAL SPECIFICATIONS PRESENTED HEREIN.

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