



## TECHNICAL DATA SHEET

### Setal 52-1646

Phenolic / rosin modified alkyd

#### General description:

Setal 52-1646 is a fast drying rosin and phenolic modified alkyd for use in the formulation of primers which have exceptionally good resistance to corrosion and lifting by subsequent topcoats.

Setal 52-1646 meets the resin requirement of Federal Paint Specification TT-P-664C for rust inhibiting, lacquer resistant primer. This is a low HAPs version of Setal 12-1646

#### Technical features:

1. Dries rapidly, sands quickly
2. Dries to a hard, tough and solvent resistant film

#### Suggested uses:

1. Fast dry, non-lifting primers
2. Fast dry drum enamels and other industrial finishes
3. Low bake primers and enamels

**Delivery form:** 60% non-volatile in t-butyl acetate/ aromatic 100/ n-butyl acetate (80/10/10 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non volatile, by weight	60 ± 1	%	1 – 1
Viscosity (77°F)	X – Z	Gardner-Holdt	2 – 1
Color	12 maximum	Gardner	3 – 1
Acid value, on solids	32 maximum	mg KOH/g	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

\* SDM: Nuplex Resins methods of determination (available on request)

Density: 8.60 ± 0.10 lbs./gal HEW on n.v. 500  
Reduced viscosity: L – P @ 40% in t-butyl acetate  
Flash point: 62°F Setaflash  
Non-volatiles, by vol.: 52.5%

VOC (EPA): 1.11 lbs/gal (132 g/l)

*On the DSL Inventory*

**Updated:** February, 2007

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from [www.nuplexresins.com](http://www.nuplexresins.com). All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.