



## TECHNICAL DATA SHEET

### Setyrene 13-4437

Silicone modified copolymer alkyd

#### General description:

Setyrene 13-4437 is a specially formulated silicone modified copolymer alkyd that meets the vehicle requirements of Federal Specification TT-E-490E.

#### Technical features:

1. Outstanding durability of exterior gloss and semi-gloss enamels.
2. Extremely tough, long lasting and abrasion resistant
3. Highly resistant to cracking caused by severe temperature changes
4. Imparts better heat resistance to paints that will be used on surfaces as hot as 800°F

#### Suggested Uses:

1. Maintenance Enamels
2. Coatings for power transmission towers
3. Coatings for storage tanks and water towers
4. Finishes for stadium seats

**Delivery form:** 60% non-volatile in mineral spirits / xylene (96/ 4 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non volatile, by weight	60 ± 1	%	1 – 1
Viscosity (77°F)	W – Y	Gardner-Holdt	2 – 1
Acid value (n.v.)	8 maximum	mg KOH/g	5 – 1
Color	8 maximum	Gardner	3 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 7.95 ± 0.1 lbs./gal  
Flash point: 102°F Setafash  
Reduced visc: C – E @ 45% in mineral spirits  
Non-volatiles, by vol.: 50.6%

*On DSL Inventory*

**Updated:** January, 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.