



## TECHNICAL DATA SHEET

### Setyrene 23-3317

A high solids styrene acrylic modified alkyd

#### General description:

Setyrene 23-3317 is a high solids styrene acrylic modified copolymer alkyd possessing the desirable properties of fast set and dry speed with high gloss and good general film performance. This resin will allow formulation of 3.5 / 420 VOC coatings. Improved flexibility may be attained via modification with C.P. Hall's Paraplex G-31 at the level of 5 to 7% on resin non-volatile.

#### Technical features:

1. Non-volatile and viscosity will allow 3.5 pound or 420 grams VOC formulations
2. Gloss and dry speed that will meet most industrial needs
3. Low polyisocyanate demand and good pigment wetting properties

#### Suggested uses:

1. VOC compliant primers for general industrial enamels
2. VOC compliant implement coatings
3. Compliant coatings for automotive under-hood parts

**Delivery form:** 80% n.v. in methyl n-propyl ketone / methyl n-amyl ketone / xylene  
Ratio of solvents: 43 / 40 / 17 pbw

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	80 ± 1.0	%	1 – 1
Viscosity, @ 75°F	Z5 – Z7	Gardner-Holdt	2 – 1
Color	5 maximum	Gardner	3 – 1
Acid value, on n.v.	15 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: 8.45 ± 0.10 lbs./gal HEW, on n.v.: 1300  
Flash point: 90°F  
Reduced viscosity: V – X @ 70% in MPK  
Non-volatile, by vol.: 75.6% *Not on 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.