



TECHNICAL DATA SHEET

Setyrene 23-3319

A high solids, low HAPs styrene acrylic modified alkyd

General description:

Setyrene 23-3319 is the low HAPs containing high solids version of Setyrene 23-3317 styrene acrylic modified copolymer alkyd. This resin possesses the very desirable properties of good set / dry speed with high gloss and good general film performance. 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. Setyrene 23-3319 will allow formulation of 3.5 / 420 VOC coatings.

Technical features:

1. Will allow 3.5 pound or 420 grams VOC formulations with low HAPs
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 n-butyl acetate / methyl n-amyl ketone (70 / 30 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	80 ± 1.0	%	1 – 1
Acid value, on solids	15 maximum	mg KOH/g	5 – 1
Viscosity, @ 75°F	Z5 - Z7	Gardner-Holdt	2 – 1
Color	7 maximum	Gardner	3 – 1
Appearance	clear to slightly hazy, free from extraneous matter		7 – 1

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

Density: 8.60 lbs./gal HEW on n.v. = 1300
Flash point: 78°F
Reduced viscosity: U - X @ 70% in n-butyl acetate
Non-volatiles, by vol.: 76.0% *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. 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.