



## TECHNICAL DATA SHEET

### Setyrene 13-1405

Styrenated soya alkyd copolymer

#### General description:

Setyrene 13-1405 resin solution is a copolymer of styrene and a soya oil alkyd designed for use in fast dry enamels and sealers. This resin is recommended for formulating very fast dry gloss and semi-gloss enamels and sealers for metal and wood substrates.

#### Technical features:

1. Dry speeds approaching those of lacquer
2. Good film hardness
3. Fast dry in both air dry and baked coatings

#### Suggested uses:

1. Toy enamels and coatings for hardware
2. Metal furniture
3. Metal parts requiring fast dry properties

**Delivery form:** 60% non-volatile in xylene

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	60 ± 1	%	1 – 1
Viscosity (77°F)	Z2 – Z4	Gardner-Holdt	2 – 1
Acid value, on n.v.	14 maximum	mg KOH/g	5 – 1
Color	6 maximum	Gardner	3 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 8.30 ± 0.05 lbs./gal  
Reduced viscosity: T – V @ 50% in xylene  
Flash point: 81°F Setaflash  
Non-volatiles, by vol.: 54.1%

*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.