



## TECHNICAL DATA SHEET

### Setyrene 13-3545

Acrylic modified copolymer alkyd

#### General description:

Setyrene 13-3545 is a fast drying acrylic modified copolymer alkyd designed for use in either air dry, force dry (160-180°F surface temperature) or baking finishes. This resin is an ideal candidate for use in primers and enamels applied on equipment composed of both plastic and metal. Setyrene 13-3545 is compatible with a number of melamine and urea formaldehyde resins for enhancement of film hardness and chemical resistance.

#### Technical features:

1. Good adhesion to steel, aluminum and other metallic substrates
2. Extremely good exterior durability, color, gloss retention and toughness
3. Good adhesion to plastic surfaces that are not dissolved by aromatic solvents

#### Suggested Uses:

1. Coatings for metal, plastic and combinations of the two
2. Clear finishes for chrome, brass and other metals

**Delivery form:** 50% non-volatile in xylene

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	50.0 ± 1.0	%	1 – 1
Viscosity (77°F)	S – V	Gardner- Holdt	2 – 1
Acid value, on n.v.	12 maximum	mg KOH/g	5 – 1
Color	7 maximum	Gardner	3 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 8.10 ± 0.1 lbs./gal  
Flash point: 80°F Setaflash  
Non-volatiles, by vol.: 44.2%

*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.