TECHNICAL DATA SHEET

Setyrene 23-2434
A high solids vinyl toluene modified copolymer alkyd

General description:
Setyrene 23-2434 is a high solids vinyl toluene modified copolymer alkyd possessing very fast set and dry speed with high specular gloss and good general film performance. This resin will allow formulation of 3.5 lb. / 420 gm. VOC coatings and lower.

Technical features:
1. Non-volatile and viscosity will allow 3.5 lb./ 420 gm. VOC formulations
2. High gloss, fast dry and good hardness that meets industrial needs
3. Good pigment wetting properties
4. Aliphatic solvent tolerance, low viscosity very suitable for aerosol use

Suggested uses:
1. Fast dry VOC compliant coatings
2. Formulating very fast dry–fall or aerosol enamels
3. Modifying resin for advancing dry speed, improving gloss, hardness or wetting

Delivery form: 75% n.v. in xylene / ethyl benzene / methyl ethyl ketone (60 / 15 / 25 pbw)

Typical properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Units</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-volatile, by weight</td>
<td>75.0 ± 1.5</td>
<td>%</td>
<td>1 – 1</td>
</tr>
<tr>
<td>Viscosity, @ 75°F</td>
<td>Z2 – Z4</td>
<td>Gardner Holdt</td>
<td>2 – 1</td>
</tr>
<tr>
<td>Color</td>
<td>6 maximum</td>
<td>Gardner</td>
<td>3 – 1</td>
</tr>
<tr>
<td>Acid value, on n.v.</td>
<td>8 maximum</td>
<td>mg KOH/g</td>
<td>5 – 1</td>
</tr>
<tr>
<td>Appearance</td>
<td>clean, clear and free from extraneous matter</td>
<td></td>
<td>7 – 1</td>
</tr>
</tbody>
</table>

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

Density: 8.15 ± 0.10 lbs./gal
Reduced viscosity: I – N @ 60% in xylene
Flash point: 21 °F Setaflash
Non-volatile, by vol.: 71.9% 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.