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Rojstaczer et al.

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- [54] **POLYIMIDESILOXANE SOLUTION AND METHOD OF COATING SUBSTRATES**
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- [51] Int. Cl.⁵ **C08K 5/3415**
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- [58] Field of Search **428/447; 524/104, 600, 524/588**

Weight And End Group Control On The Adhesion Behavior of Thermoplastic Polyimides And Poly(Imide Siloxane) Segmented Copolymers.”

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[57] ABSTRACT

Disclosed is a solution which comprises
(a) a substantially fully imidized polyimidesiloxane; and
(b) a solvent which comprises at least 50 wt % of a substituted pyrrolidone having the general formula

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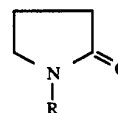
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where R is aliphatic or cycloaliphatic from C₃ to C₁₀.

Also disclosed is a method of forming a coating on a substrate by applying the solution to the substrate and evaporating the solvent. Coatings formed from this solution are not subject to whitening as are coatings formed from the same polymers in other solvents.

20 Claims, No Drawings