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(54) **SCRATCH RESISTANT GRADIENT COATING AND COATED ARTICLES**

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427/387; 427/489; 427/503; 427/515

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See application file for complete search history.

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(57) **ABSTRACT**

A gradient coating is comprised of a basecoat derived from a polysiloxane prepolymer obtained from a mixture of one to three alkoxysilane monomers and at least one diepoxide monomer, and a lubricious reactant. The basecoat is applied to a substrate and dried. The lubricious reactant is then applied and allowed to permeate into the basecoat. The basecoat and lubricious reactant are then co-cured, resulting in a gradient coating composition. In addition to providing enhanced scratch and mar resistance, the gradient coating composition is solvent resistant and provides a durable hydrophobic and oleophobic surface, which makes it useful as a corrosion protectant and as a release agent.

**38 Claims, No Drawings**