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(54) Title: ANTI-FOG COATINGS AND METHOD OF USING THE SAME

(57) Abstract: An anti-fog coating composition to form a crosslinked film comprising a prepolymer and at least one amine bearing crosslinker is disclosed. The prepolymer comprises one or more charged monomer residues, one or more hydrophilic uncharged monomer residues, and one or more amine reactive monomer residues. The crosslinked film has a change in haze value of less than 30% when exposed to fog conditions for a period longer than 30 seconds. A kit comprising a first compartment comprising the prepolymer and a second compartment comprising the amine bearing crosslinker is also disclosed. The anti-fog film and a coated article comprising the anti-fog coating are also described herein. A method of making anti-fog coated substrate by applying the composition thereto is also disclosed.



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