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(54) Title: CLEAR AEROSOL HAIR SPRAY FORMULATIONS CONTAINING A SULFOPOLYESTER IN A HYDROALCOHOLIC LIQUID VEHICLE

(57) Abstract

This invention relates to an aerosol hair spray formulation containing 0.5 to 15 weight percent of a water-dispersible or water-dissipatible, linear sulfopolyester having a Tg of 40 °C to 50 °C and an inherent viscosity of 0.24 to 0.60 dl/g which contains repeat units from 20 to 26 mole percent dimethyl-5-sodiosulfoisophthalate and 74 to 80 mole percent isophthalic acid, based on 100 mole percent dicarboxylic acid; 10 to 30 mole percent 1,4-cyclohexaedimethanol and 70 to 90 mole percent diethylene glycol, based on 100 mole percent diol; and up to 60 weight percent of an alcohol. The aerosol hair spray formulations are clear, have improved dry time and curl retention, and exhibit less than 20 NTU's, which is a measure of turbidity, even at high concentrations of alcohol.