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(54) Title: WATER-BORNE DISPERSIONS OF OIL MODIFIED URETHANE POLYMERS

(57) Abstract: A compositions comprising a self-crosslinkable aqueous dispersion of a polyurethane polymer having pendant auto-oxidizable functional groups is disclosed, said composition obtainable by reacting: (a) an organic polyisocyanate; (b) an isocyanate reactive compound containing pendant fatty acid unsaturation; (c) an isocyanate reactive polymeric polyol containing neutralizable pendant carboxylic acid groups; and (d) a reactive diluent containing at least two polymerizable, ethylenically unsaturated double bonds. The obtained polyurethane dispersion is suitable for application in self-curing coating compositions.



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