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(54) Title: STABLE THERMALLY COAGUABLE POLYURETHANE DISPERSIONS

(57) Abstract: A stable thermally coaguable polyurethane, which can form moisture resistant polyurethane articles is comprised of water having therein an external surfactant, an electrolyte and polyurethane particles, wherein the polyurethane particles are comprised of a nonionizable polyurethane that has ethylene oxide units in an amount that is insufficient to render a stable aqueous polyurethane dispersion in the absence of the external surfactant. A portion of the ethylene oxide units are of a mono hydroxyl polyethylene oxide having a molecular weight of 400 to 1500, polyethylene oxide diol having a molecular weight of 800 to 3000 or combination thereof.



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