

Title (en)
AQUEOUS DISPERSIONS AND EMULSION PAINTS COMPRISING ETHYLHEXYL ACRYLATE-BUTYL ACRYLATE-STYRENE COPOLYMERS

Title (de)
WASSRIGE DISPERSIONEN UND DISPERSIONSFARBEN ENTHALTEND ETHYLHEXYLACRYLAT-BUTYLACRYLAT-STYROL- COPOLYMERE

Title (fr)
DISPERSIONS AQUEUSES ET COULEURS DE DISPERSION CONTENANT DES COPOLYMÈRES D'ACRYLATE D'ÉTHYLHEXYLE-ACRYLATE DE BUTYLE-STYRÈNE

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Application
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Abstract (en)
[origin: WO2020002102A1] The present invention relates to an aqueous emulsion paint comprising • a) 5% to 50% by weight of an aqueous polymer dispersion having a solids content in the range from 40% to 60% by weight, obtainable by free-radical aqueous emulsion polymerization of a monomer mixture comprising ethylhexyl acrylate, butyl acrylate and one or more vinylaromatics, preferably styrene, • b) 0.1% to 5% by weight of alkali metal alkylsiliconate and/or water-soluble silicate, • c) 20% to 70% by weight of inorganic fillers, • d) 0% to 30% by weight of at least one pigment, • e) 0.1% to 10% by weight of customary auxiliaries, and • f) water, based in each case on the total amount of the emulsion paint, where the pH of the emulsion paint has a value in the range from 10 to 12, and to the aqueous polymer dispersions, to a process for production thereof and to the use thereof as organic binders in emulsion paints having a high pH.

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