

Title (en)

SELF-DISPERSING EPOXY RESINS AND COATINGS THEREFROM

Title (de)

SELBSTDISPERGIERBARE EPOXYHARZZUSAMMENSETZUNGEN UND DEREN BESCHICHTUNGEN

Title (fr)

RESINES EPOXYDES AUTO-DISPERSANTES ET REVETEMENTS EN ETANT FAITS

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Application

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Abstract (en)

[origin: WO9606876A1] Self-dispersing curable epoxy resin dispersions prepared by a process comprising reducing the particle size of a mixture comprised of a self-dispersing curable epoxy resin based on a polyoxyalkyleneamine, water and an organic cosolvent and removing at least a major amount of said organic cosolvent from said mixture after said reducing, are provided. The self-dispersing curable epoxy resin is based on a polyoxyalkyleneamine. Thus, a polyoxyalkyleneamine was present as a chemical precursor of the epoxy resin or a starting material therefor. The self-dispersing curable epoxy resin of the invention is in the form of an aqueous dispersion. When cured, films of the self-dispersing curable epoxy resin dispersion are useful as a coating composition.

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