

Title (en)
LOW ENVIRONMENTAL TOXICITY LATEX COATINGS

Title (de)
UMWELTFREUNDLICHE LATEXBESCHICHTUNGEN

Title (fr)
REVETEMENTS DE LATEX FAIBLEMENT TOXIQUES POUR L'ENVIRONNEMENT

Publication
EP 1549142 A2 20050706 (EN)

Application
EP 97954808 A 19971219

Priority
US 9724224 W 19971219

Abstract (en)
[origin: WO9932563A2] Combinations of nonvolatile reactive amines, and hydroxyl bearing, unsaturated esters and/or ethers and/or ether-esters (and/or combinations of non-hydroxyl bearing, unsaturated esters and/or ethers and/or ether-esters, and saturated hydroxyl bearing etherified and/or esterified oligomeric glycols and/or oligools), as replacements for conventionally employed volatile amines and/or ammonia as neutralizers, and organic solvents as coalescents respectively, has been found to enable the production of economical, low to no VOC acrylic and vinyl copolymer latex based coatings, paints, and inks. Further enhancement may be had by substitution of hypersurfactants, in place of conventional soaps and/or dispersants and/or detergents, in combination with the aforementioned nonvolatile reactive amines, particularly as particulate dispersants in pigmented and/or reinforced coatings.

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CPC (source: EP)
C09D 5/024 (2013.01)

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