

Title (en)
TEXTILES TREATED WITH REACTION PRODUCTS OF EPOXY COMPOUNDS AND AMINO SILANES

Title (de)
MIT REAKTIONSPRODUKTEN VON EPOXIDVERBINDUNGEN UND AMINOSILANEN BEHANDELTE TEXTILIEN

Title (fr)
TEXTILES TRAITÉS AU MOYEN DE COPOLYMÈRES DE COMPOSÉS ÉPOXY ET DES AMINO SILANES

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Application
EP 08848440 A 20081030

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Abstract (en)
[origin: EP2617892A2] The present invention provides for treating textiles with a composition comprising the reaction product of a) an oxirane or oxetane compound comprising at least two oxirane or oxetane groups; and b) an amino silane having the formula: $N(H)(R_1)R_2Si(OR_3)_3$ a-b-c (OR₄)_a (R₅Si(OR₆)_d (R₇)_e)_b R₈ c with R₁ is chosen from the group consisting of H or a monovalent hydrocarbon radical containing one to 20 carbon atoms; R₂ and R₅ are independently selected from a group consisting of oxygen or a divalent linear or branched hydrocarbon radical consisting of 1-60 carbons; R₄ is a hydrocarbon radical that contains 3 to 200 carbon atoms; R₃, R₆, R₇, and R₈ and are each independently selected from the group of monovalent linear or branched hydrocarbon radicals having from 1 to 200 carbon atoms; the subscript b is zero or a positive number and has a value ranging from 0 to 3; the subscripts a, and c are zero or positive and have a value ranging from 0 to 3 subject to the limitation that (a + b + c) ≠ 3; the subscripts d and e are zero or positive and have a value ranging from 0 to 3 subject to the limitation that (d + e) ≠ 3, to impart an enhanced response to water.

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