

Title (en)

MULTI-COMPONENT COATINGS, ADHESIVES AND SEALANTS AND THE USE THEREOF

Title (de)

MEHRKOMPONENTENBESCHICHTUNGSSTOFFE, -KLEBSTOFFE UND -DICHTUNGSMASSEN UND IHRE VERWENDUNG

Title (fr)

SUBSTANCES DE REVETEMENT, SUBSTANCES ADHESIVES ET MASSES D'ETANCHEITE A PLUSIEURS CONSTITUANTS, AINSI QUE LEUR UTILISATION

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Application

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Abstract (en)

[origin: WO0183579A1] The invention relates to multi-component coatings, adhesives and sealants, containing a (meth)acrylate copolymer (A), which consists of up to 90 wt.-% in relation to (A) of polymerized monomers containing hydroxyl groups, (a1) 20 to 90 wt.-% of said monomers in relation to (A) representing 4-hydroxybutyl(meth)acrylate and/or 2-alkyl-propane-1,3-diole-mono(meth)acrylate and (a2) 0 to 40 wt.-% in relation to (A) representing other monomers containing hydroxyl groups; and (B) an adduct, which can be produced from (b1) a diisocyanate and (b2) a compound of the general formula (I) comprising a group reactive to isocyanate. In said formula R<1> and R<2> represent hydrogen atoms or alkyl groups, X and Y represent oxygen atoms, sulphur atoms or a group >N-R<6>, where R<6> = an alkyl group or aryl group, R<3> represents an alkylene group and R<4> and R<5> represent hydrogen atoms, groups reactive to isocyanate or R<6> groups; whereby R<4>, R<5> or R<6> contain a group reactive to isocyanate or R<4> or R<5> is a functional group reactive to isocyanate, whereby R<4>, R<5> or R<6> - if present have no groups reactive to isocyanate and the molar ratio of isocyanate groups in (b1) to the groups reactive to isocyanate in the compound of formula (I) is 1.0.

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