

Title (en)

MASKED POLYISOCYANATE AND USES THEREOF

Title (de)

MASKIERTES POLYISOCYANAT SOWIE ANWENDUNGEN DAVON

Title (fr)

POLYISOCYANATE MASQUE ET SES UTILISATIONS

Publication

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Application

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Abstract (en)

[origin: WO2013057430A1] The invention relates to polyurethane resin compositions and, in particular, stable, ready-to-use polyurethane resin compositions comprising: a masked polyisocyanate having formula (I), wherein B represents alkyl and A represents a group comprising a number of isocyanate functions of between 1.5 and 2.2, preferably between 1.5 and 2.1 and, more preferably, between 1.5 and 2; or a masked pre-polymer that is the product of a reaction between the above-mentioned masked polyisocyanate and a polyol having between 1.5 and 3 OH functions and a molecular mass of between 900 and 3,000 g/mol, in a ratio such that the number of NCO functions of the masked polyisocyanate in relation to the number of OH functions of the polyol is between 1.5 and 2.5 approximately; or a mixture of the aforementioned masked polyisocyanate and masked pre-polymer. The invention also relates to the use of the masked polyisocyanate in order to form a masked pre-polymer by reacting said masked polyisocyanate on a polyol, and to the use of a masked polyisocyanate and/or a masked pre-polymer in polyurethane resin compositions.

IPC 8 full level

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