

Title (en)

CROSS-LINKABLE SUBSTANCES BASED ON ORGANYLOXYSILANE-TERMINATED POLYMERS

Title (de)

VERNETZBARE MASSEN AUF BASIS VON ORGANYLOXYSILANTERMINIERTEN POLYMEREN

Title (fr)

SUBSTANCES RÉTICULABLES SUR LA BASE DE POLYMÈRES TERMINÉS PAR ORGANYLOXYSILANE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022048728A1] The invention relates to cross-linkable substances containing: (A) 100 parts by weight of compounds of formula Y - [(CR₁₂) b- SiRa (OR₂) 3-a] x (I); (B) 5 to 2000 parts by weight of silicone resins containing units of formula R₃ C (R₄O)dSiO (4-c-d) /2 (II), in which the functional groups and indices have the meanings specified in claim 1, with the proviso that the sum of c+d is less than or equal to 3, in at least 40% of the units of formula (II) c is equal to 0 or 1, and the silicone resin has a polydispersity Mw/Mn of less than 5.0; optionally (C) organosilicon compounds comprising basic nitrogen; optionally (D) fillers; optionally (E) non-reactive plasticisers; optionally (F) catalysts; optionally (G) adhesion promoters; optionally (H) water scavengers; optionally (I) additives; and optionally [J] supplementary substances. The invention also relates to a method for the production thereof and the use thereof as adhesive, sealing and coating substances, in particular for bonding substrates.

IPC 8 full level

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Citation (search report)

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