

Title (en)

MOLDABLE SILICONE ELASTOMERS HAVING SELECTIVE PRIMERLESS ADHESION

Title (de)

FORMBARE SILIKONELASTOMERE MIT SELEKTIVER ADHÄSION OHNE PRIMER

Title (fr)

ELASTOMERES DE SILICONE MOULABLES PRESENTANT UNE ADHESIVITE SELECTIVE SANS PRIMAIRE

Publication

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Application

EP 01989788 A 20011119

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Abstract (en)

[origin: WO0240592A2] Organopolysiloxane compositions that cure by the addition reaction of silicon-bonded lower alkenyl radicals with silicon-bonded hydrogen atoms and which exhibit select adhesion to a variety of substrates. The compositions comprise an adhesion promoting mixture comprising an epoxy-functional compound, soluble polydiorganosiloxanes, polycycloorganosiloxanes (linear and cyclic) and hydroxy end blocked hydrocarbons (glycols) thus giving release characteristics to metal substrates while maintaining adhesion to a thermoplastic substrate. Additionally, an additive may be used to produce surface lubricity after curing.

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IPC 8 full level

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