

Title (en)
ANTI-FOULING SILICONE VARNISH, METHOD FOR APPLICATION OF SAID VARNISH TO A SUPPORT AND SUPPORT TREATED THUS

Title (de)
ANTIFOULING-SILIKONLACK, VERFAHREN ZUM AUFBRINGEN DES LACKS AUFEINEN TRÄGER UND SO BEHANDELTEN TRÄGER

Title (fr)
VERNIS SILICONE ANTI-SALISSURES, PROCEDE D'APPLICATION DE CE VERNIS SUR UN SUPPORT ET SUPPORT AINSI TRAITE.

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Application
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Abstract (en)
[origin: FR2849445A1] A new crosslinkable silylated lacquer (I) comprises: alkenyl silane(s); at least one catalytic system comprising (i) at least one organometallic condensation catalyst (B-1) and a chelate and/or alkoxide of titanium, zirconium, germanium or aluminum; an ultrafine filler; and optionally one or more of arylsilanes, other types of silanes, thickeners and/or functional additives. A new crosslinkable silylated lacquer (I), specifically having antisoiling properties, comprises: (a) at least one alkenyl silane; (b) at least one catalytic system comprising (i) at least one organometallic condensation catalyst (B-1) and (ii) at least one chelate of a metal M and/or metal alkoxide of formula M(OJ)_n (B-2); (c) at least one ultrafine filler; and optionally (d) one or more of arylsilane(s), other types of silane(s), thickener(s) and/or functional additive(s). M = titanium, zirconium, germanium or aluminum; n = valency of M; J = 1-8C alkyl. Independent claims are included for: (1) a method for lacquering architectural textiles or other substrates, involving applying (I) to the silicone surface of a substrate formed at least partially from silicone (preferably silicone elastomer); (2) composites (other than architectural textiles), obtained by the above method and comprising either (a) a (preferably flexible) support (specifically a textile, non-woven or polymer film), optionally a coating (comprising at least one layer of silicone elastomer and at least one other (co)polymer) on at least one face of the support and at least one layer of the lacquer (I) or (b) a solid supporting mass (optionally of silicone and/or at least partially coated with silicone, specifically silicone elastomer) at least one layer of the lacquer (I); and (3) composite architectural textiles, obtained by the above method and comprising a (preferably flexible) support (specifically a textile, non-woven or polymer film), optionally a coating (comprising at least one layer of silicone elastomer and at least one other (co)polymer) on at least one face of the support and at least one layer of the lacquer (I).

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