

Title (en)
POLYURETHANE-POLYUREA COATINGS

Title (de)
POLYURETHAN-POLYHARNSTOFF-BESCHICHTUNGEN

Title (fr)
REVÊTEMENTS EN POLYURÉTHANNE-POLYURÉE

Publication
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Application
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Abstract (en)
[origin: US2007166552A1] The present invention provides coating agents made up of the reaction product of a) a polycarbonatediol component comprising a1) a polytetramethylene glycol-based polycarbonatediol with a molecular weight of between 400 and 8000, and a2) optionally other polyols with a molecular weight of from 200 to 8000, b) 0.5-2.0 mol per mol of a) of a chain extender selected from the group consisting of a low-molecular weight aliphatic or cycloaliphatic diol, a low-molecular weight aliphatic or cycloaliphatic diamine, and hydrazine, and c) 1.5-3.0 mol per mol of a) of an aliphatic, cycloaliphatic or aromatic diisocyanate, dissolved in d) 40-90 percent by weight (based on the total formulation) of an organic solvent selected from the group consisting of linear or cyclic esters, ketones, alcohols, aromatic compounds and mixtures thereof.

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