

Title (en)  
SOLVENT-CONTAINING MIXTURES WHICH CAN BE CURED PHYSICALLY OR THERMALLY AND/ OR BY MEANS OF ACTINIC RADIATION.  
METHOD FOR PRODUCTION AND USE THEREOF

Title (de)  
PHYSIKALISCH ODER THERMISCH UND/ODER MIT AKTINISCHER STRAHLUNG HÄRTBARE, LÖSEMITTELHALTIGE GEMISCHE,  
VERFAHREN ZU IHRER HERSTELLUNG UND IHRER VERWENDUNG

Title (fr)  
MELANGES RENFERMANT DES SOLVANTS, DURCISSABLES PAR VOIE PHYSIQUE OU THERMIQUE ET/OU PAR EXPOSITION A UN  
RAYONNEMENT ACTINIQUE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

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Abstract (en)  
[origin: WO03000809A1] The invention relates to the use of an aromatic-free mixture of solvents which contains or consists of: (A) at least one low-boiling organic solvent and (B) at least one organic solvent selected from the groups comprising high-boiling and medium-boiling organic solvents, where (1) at least one of the organic solvents (A) and/or (B) has a Hildebrand Solubility Parameter  $d$  (HSP) between 10.5 and 12.0 (cal/cm<sup>3</sup>)<sup>1/2</sup> and a Hydrogen Bonding Index (HBI) between -15 and -20; and (2) at least one of the organic solvents (A) and/or (B) has a Hildebrand Solubility Parameter  $d$  (HSP) between 8 and 9.7 (cal/cm<sup>3</sup>)<sup>1/2</sup> and a Hydrogen Bonding Index (HBI) between 0 and 12. The property profile of mixtures containing solvents which are cured physically, thermally and/or using actinic radiation, and products produced therefrom is improved by the above. The invention also relates to a mixture which can be cured physically or thermally and/or by means of actinic radiation and which contains said aromatic-free solvent mixture.

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Citation (search report)  
See references of WO 03000809A1

Citation (examination)  
• FR 2664161 A1 19920110 - POUDRES & EXPLOSIFS STE NALE [FR]  
• US 4387194 A 19830607 - OTTAVIANI ROBERT A, et al  
• WO 0050523 A1 20000831 - BASF COATINGS AG [DE], et al

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