

Title (en)
COMPOSITION CONTAINING LOW-VOC, AMINOALKYL-FUNCTIONAL SILICON COMPOUNDS FOR COATING COLOURS FOR THE TREATMENT OF PAPER OR FILM

Title (de)
VOC-ARME AMINOALKYL-FUNKTIONELLE SILICIUMVERBINDUNGEN ENTHALTENDE ZUSAMMENSETZUNG FÜR STREICHFARBEN ZUR BEHANDLUNG VON PAPIER ODER FOLIE

Title (fr)
COMPOSITION PAUVRE EN COV, À BASE DE COMPOSÉS SILICIÉS AMINOALKYLE FONCTIONNELS, POUR SAUCES DE COUCHAGE DESTINÉES AU TRAITEMENT D'UN PAPIER OU D'UNE FEUILLE

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Abstract (en)
[origin: CN101376792A] The present invention relates to a composition of aminoalkyl-functional silicide containing deficient volatile organic compound for processing paper or film. Specifically, the present invention relates to use of composition of deficient volatile organic compound (VOC) or compound which basically does not contain VOC composition in coating, wherein the composition eliminates the alcohol from the composition at least proportionally based on one or a plurality of silicide which is partially or wholly hydrolyzed and randomly condensated or cocondensated and aminoalkyl-functional and low polysilylanized aminoalkyl-functional, alkoxy-functional or hydroxyl-functional. The present invention also relates to a composition, wherein the contained silicide which is aminoalkyl-functional or low-poly silylanized aminoalkyl-functional, hydroxyl-functional and alkoxy-functional according to demand is reaction product of the reactions (A)-(D) in the instruction book, wherein the content of free alcohol in the composition is smaller than or equal to 1wt% based on the weight of the composition. The invention also relates to the use of composition.

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See references of WO 2009037015A1

Citation (examination)
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• GELEST: "WSA-7021 -AMINOETHYLAMINOPROPYLSILSESQUIOXANE IN AQUEOUS SOLUTION AMINOETHYLAMINOPROPYLSILSESQUIOXANE IN AQUEOUS SOLUTION Safety Data Sheet WSA-7021 SECTION 1: Identification of the substance/mixture and of the company/undertaking", 17 November 2014 (2014-11-17), XP055368286, Retrieved from the Internet <URL:https://www.gelest.com/wp-content/uploads/WSA-7021_AMINOETHYLAMINOPROPYLSILSESQUIOXANE-IN-AQUEOUS-SOLUTION.pdf> [retrieved on 20170428]

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