

Title (en)

USE OF MIXTURES OF POLYMERS AND AMINONISOTHAZOLS AS BIOCIDES

Title (de)

VERWENDUNG VON MISCHUNGEN AUS POLYMERISATEN UND AMINOISOTHAZOLEN ALS BIOZID

Title (fr)

UTILISATION COMME BIOCIDES DE MELANGES CONSTITUES DE POLYMERISATS ET D'AMINO-ISOTHAZOLES

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Application

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Abstract (en)

[origin: WO9912423A1] The invention relates to the use of mixtures of (A) polymers and aminoisothiazols (B) in addition to the metal complexes and acid additive salts thereof as biocides. Said polymers (A) contain the following constituents integrated by means of polymerisation: (a) 0.1 - 100 mol % vinyl amine units or ethylene imine units, (b) 0-99.9 mol % units of at least one monomer from the group consisting of N vinyl carboxylic acid amides of formula (I), wherein R<1>, R<2>=H or C<1>-C<6> alkyl, vinyl formiate, vinyl acetate, vinyl propionate, vinyl alcohol, C<1>-C<6> alkyl vinyl ether, monoethylenically unsaturated C<3>-C<8> carboxylic acids, their esters, nitriles, amides and anhydrides, N vinylurea, N vinylimidazoles and N vinylimidazolines and (c) 0-5 mol % units of monomers with at least two ethylenically unsaturated double-bonds, wherein the sum of (a) and (b) and (c) amounts to 100 mol %, and (B) aminoisothiazols of formula (V) wherein R represents hydrogen or C1-C4 alkyl and X stands for halogen, NO₂, CN and SCN.

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