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(54) Title: FLAME RETARDANT COMPOUNDS

(57) Abstract: The present invention provides $(R_1SiO_{1.5})_x(R_2SiO_{1.5})_y(R_3SiO_{1.5})_z$, wherein $x \geq 1$, $y \geq 1$, $z \geq 1$, and $x + y + z = 6, 8, 10$ or 12; R_1 is L1-phthalimide, wherein L1 is a residue selected from the group consisting of saturated or unsaturated C₁-C₈ hydrocarbon radicals which may be straight, branched or cyclic; and substituted or non-substituted arylene; wherein the carbon chains of said residues optionally include one or more of the elements oxygen and nitrogen; and the phthalimide is optionally substituted by one or more halogen, C₁-C₆ alkyl, -COOH or -NO₂; R_2 is a residue selected from the group consisting of saturated or unsaturated C₁-C₁₈ hydrocarbon radicals which may be straight, branched or cyclic; wherein the carbon chains of said residues optionally include one or more oxygens and are optionally substituted by one or more halogens; and R_3 is L₂-NH-CO-R₄, wherein L₂ is a residue selected from the group consisting of saturated or unsaturated C₁-C₈ hydrocarbon radicals which may be straight, branched or cyclic; and substituted or non-substituted arylene; wherein the carbon chains of said residues optionally include one or more of the elements oxygen and nitrogen; and wherein R₄ is a C₁-C₃₄ alkyl or a C₈-C₃₄ alkene.

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