

Abstract

5 The invention relates to concentrated low-viscosity solutions of mixed alkaline earth alkoxide compounds

$M(\text{OCH}_2\text{R}^6)_{2-a-b}(\text{OR}^7)_a[\text{O}(\text{CHR}^8)_n\text{OR}^9]_b$ in a mixture with an aluminum compound $\text{Al}(\text{OCH}_2\text{R}^6)_{3-c-d}(\text{OR}^7)_c[\text{O}(\text{CHR}^8)_n\text{OR}^9]_d$ in aprotic solvents, wherein

- M is an alkaline earth metal selected from Mg, Ca, Ba, and Sr;
- 10 • OCH_2R^6 is an alkoxide radical composed of at least 3 and a maximum of 40 C atoms having a branch in the 2-position, relative to the O function; i.e., $\text{R}^6 = -\text{CHR}^{10}\text{R}^{11}$ where R^{10} , R^{11} independently stand for alkyl radicals $\text{C}_1 - \text{C}_{18}$;
- 15 • R^7 is an alkyl radical containing 2-15 C atoms which is either linear or has a branch at the 3- or higher position (relative to the O function);
- R^8 is an alkyl radical containing 1-6 C atoms which is either linear or has a branch at the 3- or higher position (relative to the O function);
- 20 • R^9 is an alkyl radical containing 2-15 C atoms which is either linear or has a branch;
- $n =$ an integer between 1 and 4; and
- $a + b \leq 2$, $c + d \leq 3$, a and c can take any value from 0.01 to 0.8, and b and d can take any value from 0.1 to 1.99.