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HYDROTALCITE COMPOUNDS OF LOW URANIUM (U) CONTENT AND PROCESSES FOR THEIR PREPARATION

Abstract of the Disclosure

Hydrotalcite compounds useful as additives to synthetic resins such as epoxy resins which are used as, in particular, sealant for semiconductor devices such as transistor, IC, LSI and the like, which are characterized by having a composition represented by the formula (1) below:



in which M^{2+} is at least one of Mg^{2+} and Zn^{2+} ,

x is a positive number in the range of $0.2 \leq x \leq 0.5$,

A^{2-} is at least one of CO_3^{2-} and SO_4^{2-} , and

m is a number in the range of 0-2,

and having a uranium (U) content of not more than 10 ppb, an average secondary particle size of not more than about 3 μm and a BET specific surface area of not more than 30 m^2/g .