

Latent Catalysts, Cure-Inhibited Epoxy Resin Compositions and Laminates Prepared Therefrom

Abstract

There are provided epoxy resin compositions containing compounds which inhibit the cure of the epoxy resins, the cure inhibitor comprising boric acid or maleic acid, or a mixture of boric acid with at least one acid having a weak nucleophilic anion. There are also provided latent catalyst compositions for curing epoxy resins comprising a polyepoxide cure catalyst and the inhibitor described above. There are further provided compositions useful for curing epoxy resins which comprise curing agents for the epoxy resins and the inhibitor described above. The invention further provides coatings prepared from such inhibited resin compositions, and materials coated with, encapsulated by or prepared from such inhibited resin compositions.