

IMPROVED CURING CATALYSTS FOR CURING EPOXY RESINS

ABSTRACT

A formulation which contains:

(1) the nucleophilic addition adduct of an imidazole and an unsaturated compound, which contains more than one imidazole moiety per molecule; and

(2) an epoxy resin,

is characterized in that fewer than 50 equivalent percent of the imidazole moieties in the adduct are neutralized with acid. The adduct may serve as a curing catalyst in high or low-temperature curing. The formulation is made and applied as a powder coating for coatings or as a matrix resin in laminates. It may be used in solvent-borne or liquid systems.