



CURABLE RESIN COMPOSITION
ABSTRACT OF THE DISCLOSURE

Herein are disclosed a latent curing agent for epoxy resin, comprising a reaction product obtainable by allowing (A) an epoxy compound having more than one (1) epoxy groups on the average in the molecule and (B) a compound having in the molecule both a tertiary amino group and at least one functional group selected from the group consisting of OH group, SH group, NH group, NH_2 group, COOH group and CONHNH₂ group, to react on each other in the presence of 0.05-5.0 equivalents of water per 1 equivalent of the epoxy group of Compound (A), and a curable epoxy resin composition comprising (y) such curing agent and (x) an epoxy compound having more than one epoxy groups on the average in the molecule. The epoxy resin composition is an epoxy resin composition excellent in storage stability and rapidly curable at low temperatures.

Herein is also disclosed a latent curing agent for epoxy resin, comprising a reaction product obtainable by allowing (a) an alicyclic epoxy compound having 2 or more epoxy groups in the molecule; (b) a compound having in the molecule both a tertiary amino group and at least one functional group selected from the group consisting of OH group, SH group, NH group, NH_2 group, COOH group and CONHNH₂ group; and (c) a compound having in the molecule at least one functional group selected from the group consisting of NH_2 group and CONHNH₂ group or in the

THIS SHEET HAS BEEN
REPLACED

molecule at least 2 functional groups selected from the group consisting of OH group, SH group, NH group and COOH group (provided that a compound having an epoxy group or tertiary amino group in the molecule is excluded), to react on one another, which, when incorporated into an epoxy compound, gives a curable epoxy resin composition rapidly curable at low temperatures, excellent in heat resistance, electrical reliability, etc. and therefore, suitable in the electronics field such as encapsulants for semiconductor, anisotropic conductive films, conducting composites, etc.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED