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ABSTRACT

It is an object of the invention to provide a curing resin composition that scarcely causes pollution of a liquid crystal owing to elution of its components to the liquid crystal material and therefore, causes little unevenness of color in liquid crystal display in the case of using it as a sealant for a liquid crystal display element or an end-sealing material for a liquid crystal display element in fabrication of a liquid crystal display element and that is excellent in the storage stability and therefore, optimum for fabrication of a display apparatus especially by one drop fill process and to provide a sealant for a display element and an end-sealing material for a display element using the composition.

The invention provides a curing resin composition to be used for a sealant or an end-sealing material for a display element, which comprises a curing resin together with a photopolymerization initiator and/or a curing agent and, has a carbonyl group derived from a (meth)acryl group together with an epoxy group and/or a hydroxyl group derived from an epoxy group and, a cured product of which has nitrogen atoms at a ratio of 3 to 10 % by atom in the total of carbon atoms, hydrogen atoms and nitrogen atoms in the composition; a volume resistance of 1×10^{13} Ω·cm or higher; a dielectric constant of 3 or higher at 100 kHz; and a glass transition temperature of 80 to 150°C.



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