

Abstract

A photochromic curable composition comprising [A] not less than 0.1 part and less than 5 parts by mass of a specific radically polymerizable monomer having an epoxy group, [B] 1.0 to 15 parts by mass of a specific polyfunctional radically polymerizable monomer, [C] 1.0 to 30.0 parts by mass of a specific di(meth)acrylate monomer, [D] more than 50.0 parts and not more than 97.9 parts by mass of a (meth)acrylate monomer except the components [A] to [C] and/or a thio(meth)acrylate monomer, and [E] 0.001 to 10 parts by mass of a photochromic compound based on 100 parts by mass of the total of the polymerizable monomers.

The photochromic curable composition can provide a photochromic cured product having excellent photochromic properties for a long time and high mechanical strength, and the photochromic cured product can be manufactured from the photochromic curable composition at a low cost.