

ABSTRACT

The present invention is aimed to produce a cured product having excellent photochromism which can be easily polymerized in a short period of time. The cured product is obtained by photopolymerizing a polymerizable composition comprising (A) a radical polymerizable monomer, (B) an ultraviolet polymerization initiator having the main absorption at an ultraviolet range and a molar absorption coefficient for light having a wavelength of 400 nm of 150 liter/(mol·cm) or more, (C) a thermopolymerization initiator such as a thermopolymerization initiator having a temperature at which the half-life thereof is 10 hours of 60°C or more and (D) a photochromic compound by irradiating activation energy rays having a wavelength of 400 nm or more as the main emission spectrum, preferably to ensure that the temperature of the cured product does not exceed 50°C, and further thermopolymerizing the composition by heating.



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