

ABSTRACT

An optical component resin composition according to the present invention has a viscosity of 0.1 to 20 Pa·s at 25°C and, hence, is excellent in handlability. The resin composition is imparted with the aforementioned viscosity without the use of an organic solvent and, therefore, is free from a problem associated with voids which may otherwise occur in a cured product of the resin composition when the organic solvent is evaporated during a photo-curing/molding process. Since the inventive optical component resin composition can be photo-cured on a transparent substrate such as a glass plate, it is possible to produce a high quality hybrid lens by combining the cured product of the resin composition with the transparent substrate. Further, the cured product of the optical component resin composition has a higher refractive index and a smaller Abbe number and, therefore, is highly transparent and substantially free from thermal discoloration. This improves the optical design flexibility of a thin film of the resin composition. Further, the optical component resin composition may be used alone to be cured, for example, for production of a highly heat-resistant plastic lens.