

ABSTRACT

PHOTOSENSITIVE RESIN COMPOSITIONS, CURED ARTICLES OF THE COMPOSITIONS, AND FILMS CONTAINING THE COMPOSITIONS

[Problems to be solved] To provide a photosensitive resin composition that is capable thick film coating with low curling and is suitable for preparing a hard coat without generation of cracks, a resin composition suitable for a protective coating agent for a high density optical disc that is excellent in transparency and water absorptivity and also has high endurance with little warping, and a cured material thereof. [Means to solve the problem] A photosensitive resin obtained by reacting an isocyanate compound (A) that is a reaction product of a diisocyanate compound (a) and an alcohol compound (b) having at least two hydroxyl groups in its molecule, or an isocyanate compound (A') derived from the diisocyanate compound (a), in which either of the isocyanate groups forms an isocyanurate ring structure, with a mixture (B) of polyfunctional (meth)acrylate compounds, as (meth)acrylate compounds of polyhydric alcohol, comprising a polyfunctional (meth)acrylate compound having one or more hydroxyl groups and a polyfunctional (meth)acrylate compound having all hydroxyl groups thereof esterified.