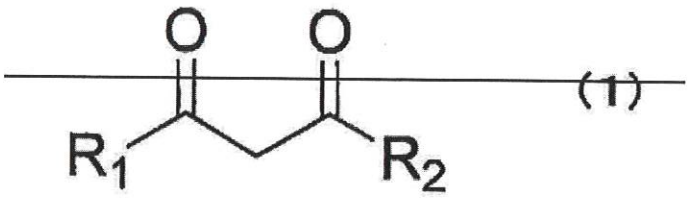
6.8 when diluted 5-fold in terms of mass ratio with a 50% by mass aqueous ethanol solution.

~~3. A resin composition, wherein the organic acid includes a solvent having a β-diketone structure represented by general formula (1) below:~~

~~[Chemical Formula 1]~~



~~(in general formula (1), R^1 and R^2 each may be the same or different, and represent $-CH_3$, $-C_2H_5$, $-C_3H_7$, $-C_4H_9$, $-OCH_3$, $-OC_2H_5$, $-OC_3H_7$, or $-OC_4H_9$.)~~

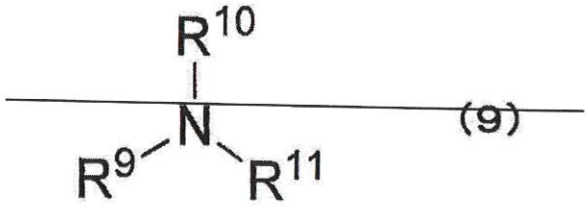
~~4~~3. The resin composition according to claim 1 or 2, wherein a proportion of the solvent having a β-diketone structure represented by general formula (1) in the solvent (a) is 10% by weight or more and less than 70% by weight.

~~5~~4. The resin composition according to claims 1 ~~or 2~~to 3, wherein the solvent having a β-diketone structure represented by general formula (1) has a boiling point of 50°C or more and 200°C or less.

~~6~~5. The resin composition according to any one of claims 1 to ~~3~~4, wherein the silica particles (b) each have a particle size of 1 to 100 nm.

~~7. The resin composition according to any one of claims 1 to 6, wherein the secondary or tertiary amine compound (d) is a compound represented by general formula (9) below:~~

~~[Chemical Formula 2]~~



~~(R9 and R10 each may be the same or different, and represent an aliphatic hydrocarbon group having 2 to 12 carbon atoms, and~~

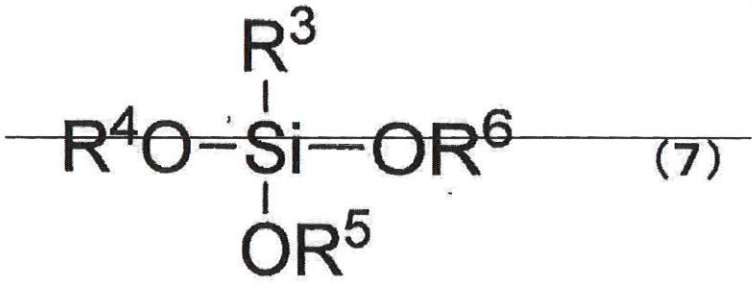
~~R^{11} is an aliphatic hydrocarbon group having 2 to 12 carbon atoms or a hydrogen atom.)~~

~~8~~6. The resin composition according to any one of claims 1 to ~~7~~5, wherein a content of the secondary or tertiary amine compound (d) is 1 to 10% by weight based on a total amount of the silica particles (b) and the polysiloxane (c).

~~9~~7. The resin composition according to any one of claims 1 to ~~8~~6, wherein the polysiloxane (c) is a polysiloxane obtained by hydrolyzing and/or polycondensing an alkoxysilane compound.

~~10. The resin composition according to claim 9, wherein the alkoxysilane compound contains a compound represented by general formula (7) below:~~

~~[Chemical Formula 3]~~



(7)

~~(R^3 is a fluorinated alkyl group having 1 to 5 carbon atoms, and R^4, R^5 and R^6 each independently represent hydrogen or an alkyl group having 1 to 4 carbon atoms.)~~