

Abstract

The present invention relates to a novel reactive functional group-containing siloxane compound (A) which is a block-type siloxane oligomer having a chain silicone segment and a hydrolysis condensation segment of tri(C1-C10)alkoxysilane having a group selected from the group consisting of a reactive functional group having an epoxy group, a methyl group and an ethyl group, at least one of the hydrolysis condensation segments being a segment containing at least one reactive functional group having an epoxy group; curable resin composition containing the same and a curing agent (B); and an optical semiconductor element (for example, LED) sealed with a cured product thereof, and said sealed optical semiconductor element is excellent in light fastness and low elastic modulus at low temperature. Said siloxane compound can be obtained by, as a first step reaction, reacting an alkoxy group of an alkoxysilane compound in an equivalent value ranging 1.5 to 200 relative to 1 equivalent of a silanol group of silanol-terminal silicone oil (b) and then by, as a second step reaction, carrying out hydrolysis condensation reaction of alkoxy groups in the above alkoxysilane and a product from the first step reaction in the presence of water.