

PROCESS FOR SYNTHESIS OF SILICONE RESIN

ABSTRACT

A method is disclosed for hydrolyzing chlorosilanes having at least three chlorine atoms bonded to each silicon atom to form silicone resins. The method comprises adding at least one of hydridotrichlorosilane, tetrachlorosilane, or organotrichlorosilane to a two-phase mixture comprising a non-polar organic solvent, an aqueous phase comprising 0 to 43 weight percent hydrochloric acid and a surface active compound described by formula R^2SO_4H and alkali metal salts thereof, where R^2 is an alkyl group having 4 to 16 carbon atoms and alkylphenyl groups having 7 to 22 carbon atoms.