PROCESS FOR MAKING SI-H FUNCTIONAL SILOXANE OLIGOMER

Abstract

The present invention relates to a method of making a Si-H functional siloxane oligomer from the reaction between silicon hydride compounds and cyclic siloxane oligomer in the presence of a Lewis acid that is capable of interacting with the hydrogen of the silicon hydride to promote ring opening of the cyclic siloxane oligomer and the insertion a siloxane oligomer segment between Si and H atom to thereby form the Si-H functional siloxane oligomer.