

**MICROPARTICLE CATALYSTS FOR HYDROSILYLATION REACTIONS AND
THERMOSETTING SILICONE COMPOSITIONS CONTAINING SAID CATALYST**

ABSTRACT

A microparticle catalyst is described for use in hydrosilylation reactions. Said catalyst consists of microparticles of an average particle diameter of 0.1 to 20 μm comprised of a metallic catalyst for hydrosilylation reactions; a disiloxane having the general formula $(\text{R}^1\text{R}^2\text{ArSi})_2\text{O}$, wherein, R^1 is an alkenyl group, R^2 is a monovalent hydrocarbon group and Ar is an aryl group and a resin having a glass transition temperature of 40 to 200°C. A thermosetting silicone composition in combination with said microparticle catalyst is also disclosed.

0-30201-88