

COLLOIDAL COMPOSITIONS AND METHODS OF PREPARING SAME**Abstract**

Colloidal compositions and methods of preparing same are provided. The colloidal compositions include a silicate and a metal dispersed therein. The colloidal compositions can further include a stabilizer, such as a quaternary amine, to enhance the and dispersion of the metal loading within the silicate. The colloidal compositions can be made such that the metal is dispersed within the silicate in a controlled manner.

(No Fig.)