Title of the Invention: **Methods of producing particles having two different properties**

Abstract Title: **Methods of producing particles having two different properties**

A method of producing particles comprising: (A) providing a plurality of particle cores, wherein the cores have at least a first property; (B) partially or fully coating the outer surface of the cores with a substance, wherein the substance has a second property, and wherein the second property is different from the first property; and (C) reducing the particle size of the coated particles, wherein the core is exposed after the step of reducing. A method of using particles comprising: introducing a treatment fluid into an area to be treated, wherein the treatment fluid comprises: (i) a base fluid; and (ii) the particles.

This international application has entered the national phase early.