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(54) Title: MESOCELLULAR FOAM PARTICLES

(57) Abstract: The present invention provides a process for making regular shaped particles of solid foam. A first mixture, comprising water, an acid, a surfactant and a hydrophobic material, is combined with a hydrolysable silicon species to form a second mixture. The second mixture is maintained under conditions and for a sufficient time to form regular shaped precursor particles. The second mixture is then aged at a temperature and for a time effective to produce the regular shaped particles of solid foam.

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