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(54) Title: HIGH INTERNAL PHASE EMULSIONS AND POROUS MATERIALS PREPARED THEREFROM (57) Abstract High internal phase emulsions having an internal aqueous phase of greater than 70 percent by volume and an external oil phase comprising a vinyl polymerizable monomer containing a surfactant capable of chemically binding to the polymerizable monomer. Polymeric foams having a high internal phase emulsion stabilizing surfactant chemically bound to the polymeric material and a liquid capacity of from 70 to 99 percent of its saturated volume can be prepared from such emulsions.		