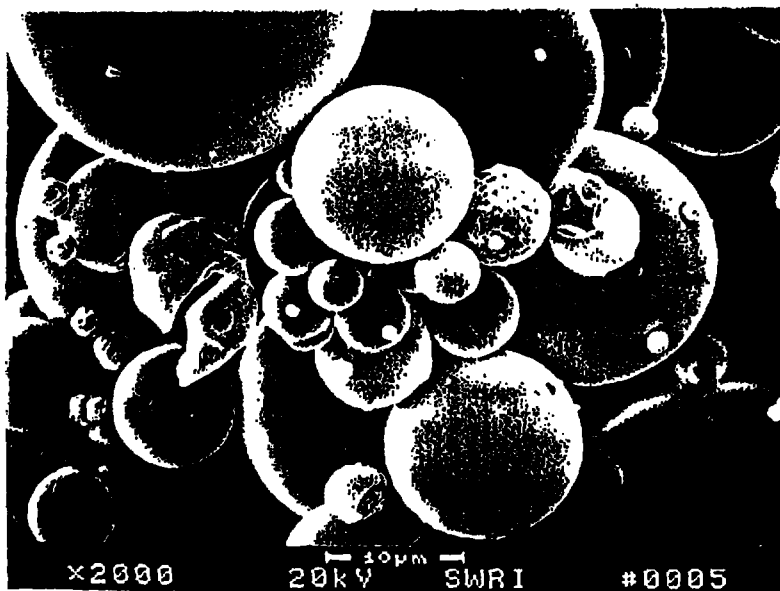




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(71) Applicants: SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78228 (US). BERNARD TECHNOLOGIES, INC. [US/US]; Suite 1710, 919 North Michigan, Chicago, IL 60611 (US).			
(72) Inventors: WELLINGHOFF, Stephen, T.; 6220 Culebra Road, San Antonio, TX 78228 (US). KAMPA, Joel, J.; 8979 Dietz Elkhorn, Boerne, TX 78006 (US). BARENBERG, Sumner, A.; Suite 1710, 919 North Michigan, Chicago, IL 60611 (US). GRAY, Peter, N.; Suite 1710, 919 North Michigan, Chicago, IL 60611 (US). LELAH, Michael, D.; Suite 1710, 919 North Michigan, Chicago, IL 60611 (US).			
(74) Agents: PETRILLO, Kathleen, M. et al.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th floor, St Louis, MO 63102 (US).			

(54) Title: SILICATE-CONTAINING POWDERS PROVIDING CONTROLLED, SUSTAINED GAS RELEASE



(57) Abstract

A particle including anions dispersed throughout an amorphous, paracrystalline or crystalline solid solution, the anions being capable of reacting with hydronium ions to generate a gas. The particle can be incorporated into a powder capable of generating and releasing a gas after hydrolysis of an acid releasing agent.