Supporting Information

Insulating Oxide Film Formation with Acid Catalyzed Hydrolysis of Alkoxide Precursors in Supercritical Fluid Carbon Dioxide

Joanna S. Wang,¹ Chien. M. Wai,² Gail J. Brown,¹ Scott D. Apt¹

¹Air Force Research Laboratory, Materials and Manufacturing Directorate, WPAFB, Ohio 45433-7707, USA
²Department of Chemistry, University of Idaho, Moscow, ID 83844, USA

Figure S-1. The spectra of X-ray photoelectron spectroscopy (XPS) of SiO₂ film were acquired. The binding energies of Si 2s and 2p peaks of SiO₂ coatings are 154.4 eV and 103.3 eV, respectively. The binding energy of O 1s peak on SiO₂ film is 532.4 eV.