

Supporting Information

Facile Preparation of Hollow Amino-functionalized Organosilica Microspheres by Template-free Method

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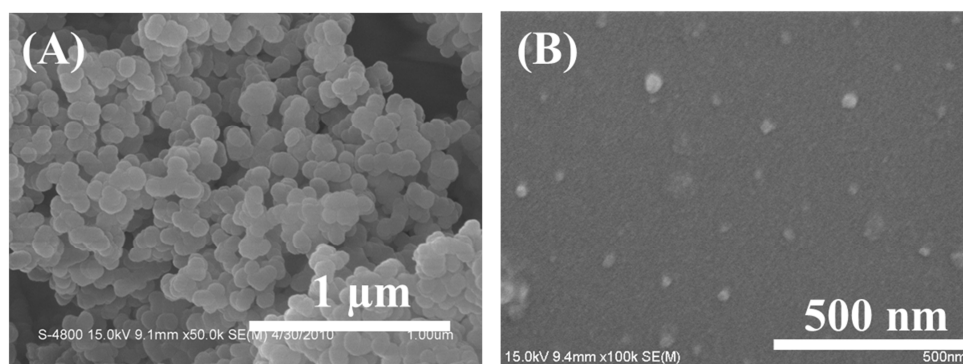


Fig. S1 SEM images of the product of hydrolyzing and condensation of (A) TEOS in ammonia solution and (B) APTES in water.

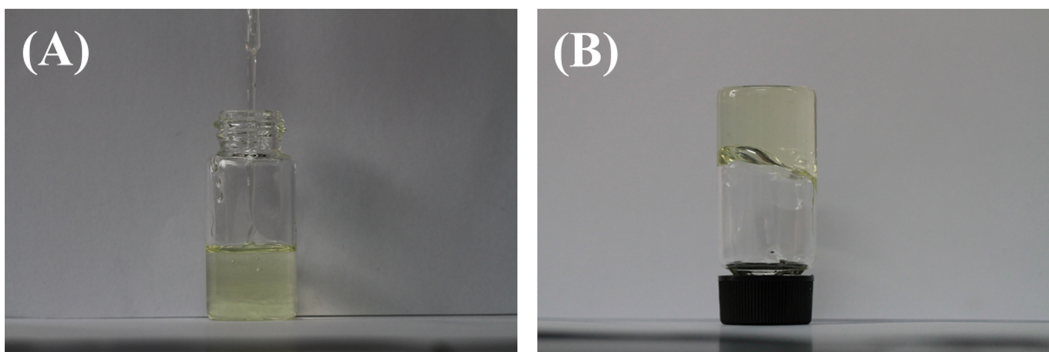


Fig. S2 Photos of the asformed yellow and sticky prepolymers. The prepolymers were obtained by filtering the microspheres from the reaction system and then rotary evaporation of the suspension.

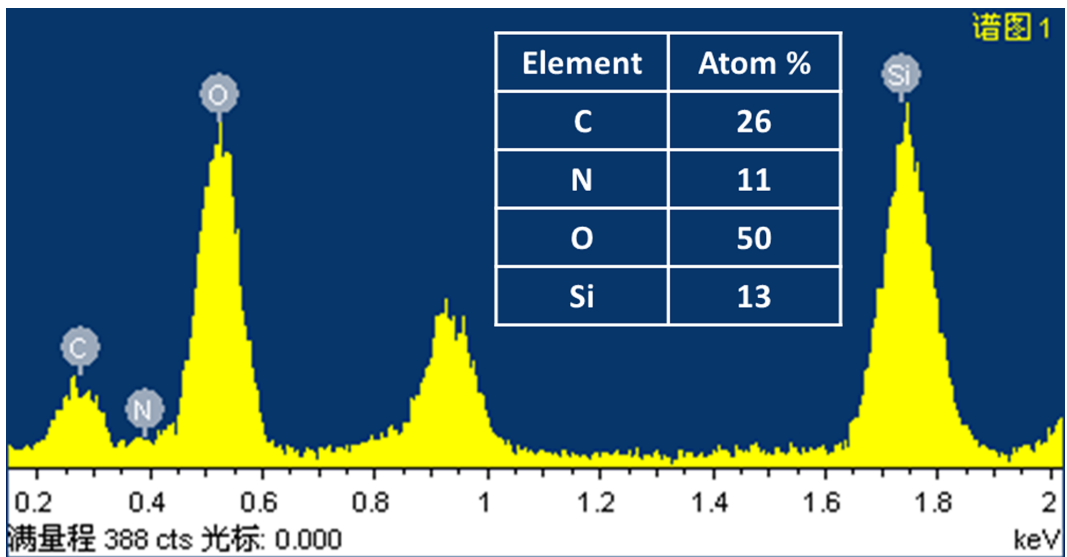


Fig. S3. EDX spectrum of the hollow organosilica microspheres. The unlabeled peak in EDX spectrum is Pt.

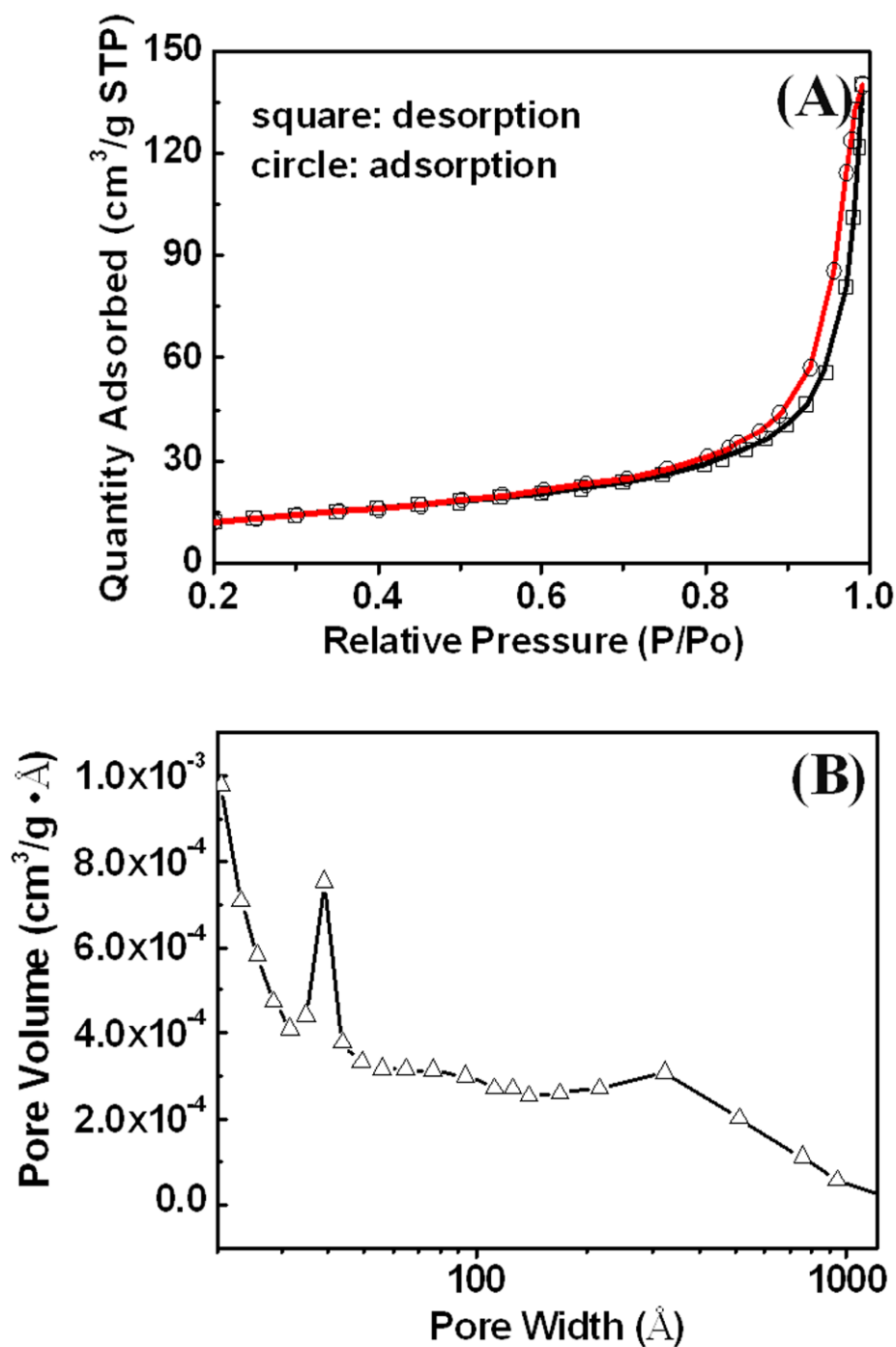


Fig. S4 (A) N_2 adsorption–desorption isotherm curves of the hollow organosilica microspheres, and (B) the pore width of the hollow spheres by BET method.

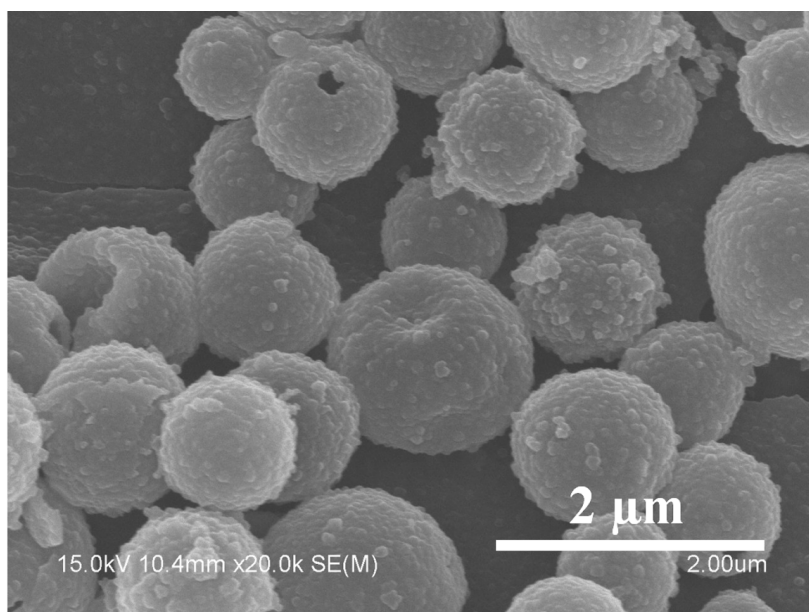


Fig. S5 SEM image of hollow organosilica microspheres after calcination at 500 °C.