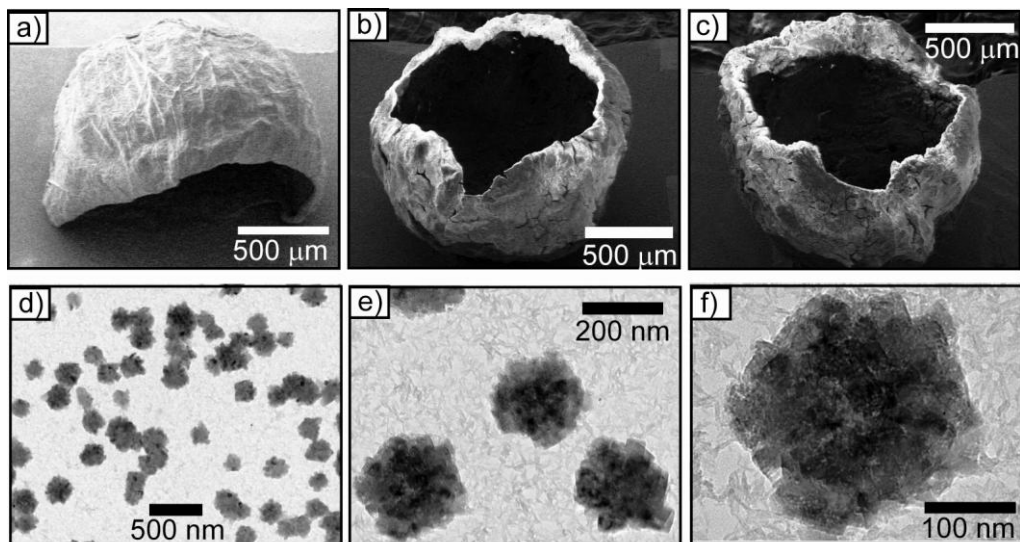


Electronic Supporting Information

Hierarchical Materials Synthesis at Soft All-Aqueous Interfaces

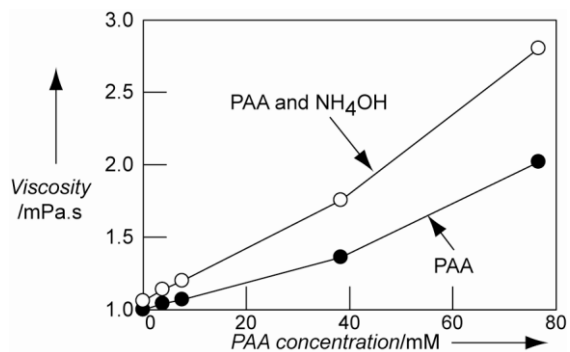
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5 **Fig. S1.** a-c) SEM images of HSSP (level 3 structures) (PAA concentration = 7.7 mM). d-f) TEM images of HSSP (level 2 structures) (PAA concentration = 7.7 mM).

Viscosity measurements

10 The viscosity of various PAA and PAA with NH_4OH solutions was determined using a U-tube viscometer (PSL,BS/U).



15 **Fig. S2.** Viscosity profile of PAA, and PAA with NH_4OH mixture.