

Supporting Information

Facile fabrication of raspberry-like composite microspheres for the construction of superhydrophobic films and applications in highly efficient oil–water separation

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Movie S1. Video of superhydrophobicity with $< 4^\circ$ SA of hydrophobization modified raspberry-like PS@SiO₂ composite microspheres.

Movie S2. Video of selective oil-water separation using coated copper mesh.

Movie S3. Video of superhydrophobicity of coated copper mesh after oil-water separation test.

Movie S4. Video of selective absorption of oil-water separation using coated PU sponge.

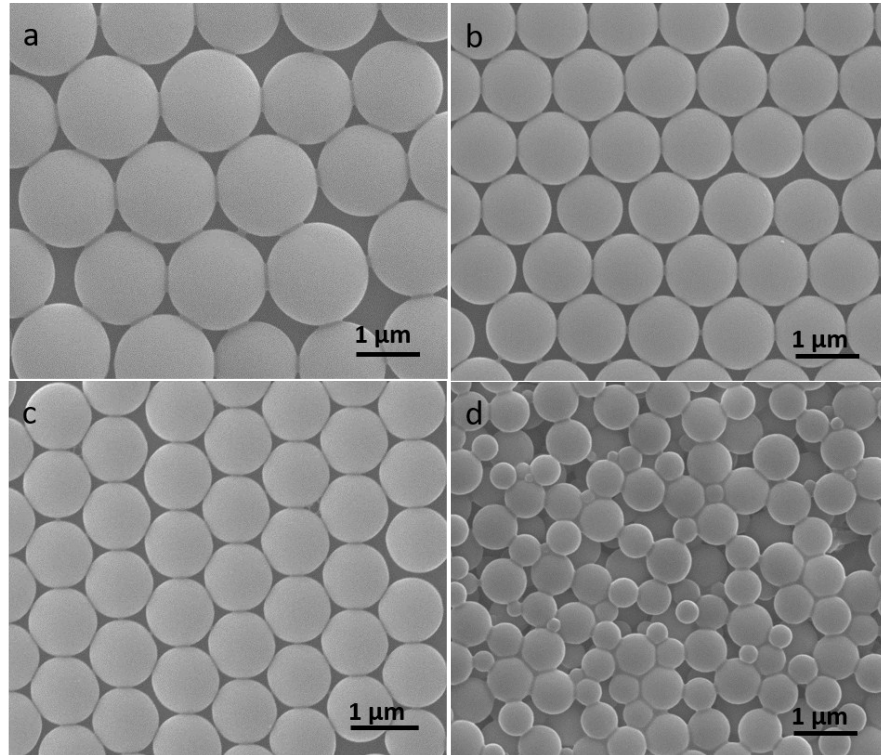


Fig.S1 SEM images of PS microspheres with: (a) PVP-10; (b) PVP-40; (c) PVP-58 and (d) PVP-130.

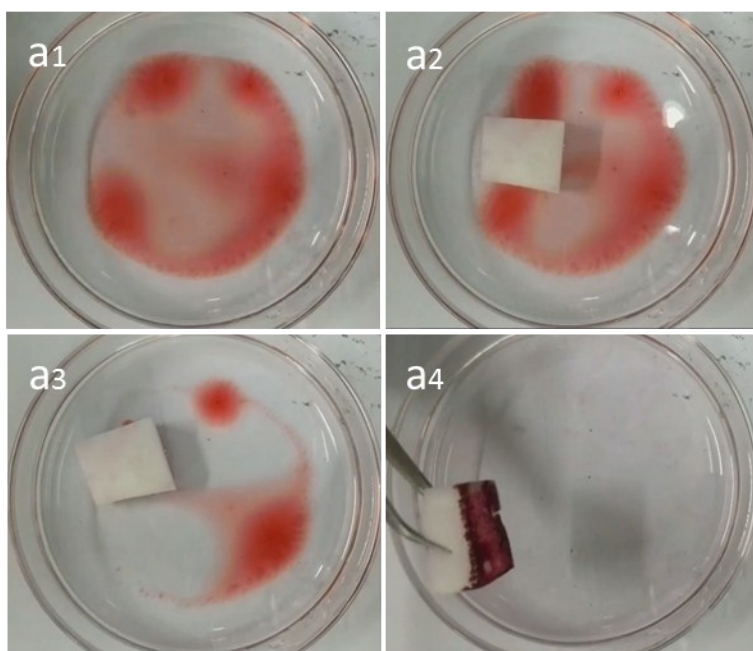


Fig.S2 Optical pictures of the superhydrophobic sponge immersed into water by an external force.