

Supporting Information for

Tailoring nanoarchitectonics to control the release profile of payloads

Shuai Jiang,^{abc} Liping Lv,^a Qifeng Li,^b Junwei Wang,^b Katharina Landfester^a and Daniel Crespy^{*ad}

^aMax Planck Institute for Polymer Research, Ackermannweg 10, 55128 Mainz, Germany. Email: crespy@mpip-mainz.mpg.de

^bInstitute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001, China.

^cUniversity of Chinese Academy of Sciences, Beijing 100049, China.

^dVISTEC, 555 Moo 1 Payupnai, Wangchan, Rayong 21210 Thailand.

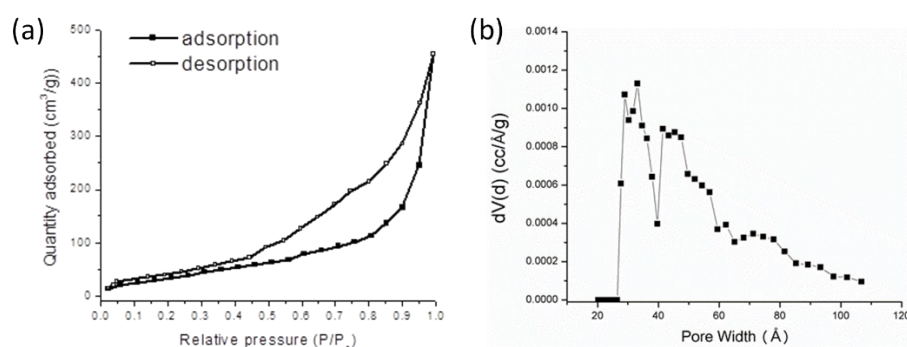


Fig. S1 (a) Nitrogen adsorption-desorption isotherms and (b) pore size distribution of dry silica nanocapsules.

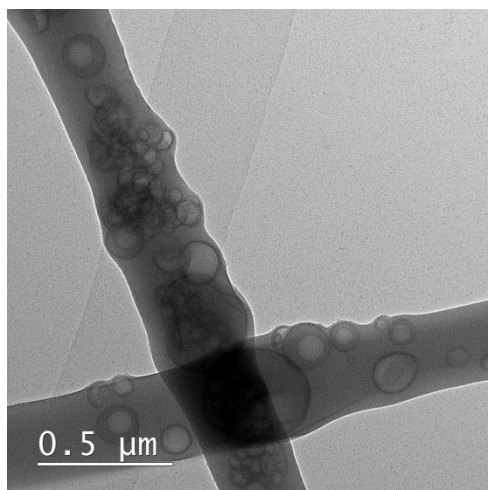


Fig. S2 TEM micrograph of Silica nanocapsules/PVA nanofibers after release under reduction (TCEP:TESPT = 30:1 mol:mol).