Drying kinetics of water droplets stabilized by surfactant molecules or solid particles in

a thin non-volatile oil layer.

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Fig. S1 Scanning electron microscope image of the mica particles. The scale bar is 20 µm.



Fig. S2 Relationships between  $t_0$  and the initial diameter of the droplet in oil layers with  $L = 108 \mu m$  (open symbols) and 458  $\mu m$  (solid symbols). The droplets were stabilized by SiO<sub>2</sub> nanoparticles (black circles) and the molecular surfactant (red triangles).