



Supplement of

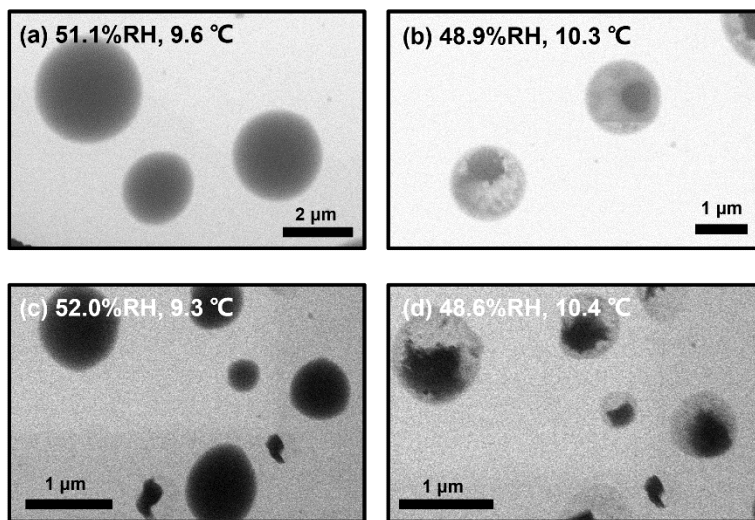
Direct observation for relative-humidity-dependent mixing states of submicron particles containing organic surfactants and inorganic salts

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NaCl-CH₃SO₄Na (OVF50%)



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20 **Figure S1.** ESEM images of solid phase state of NaCl-CH₃SO₄Na with 50% OVF in two repeated
21 experiments (Experiment 1: a and b, Experiment 2: c and d). Solid Phase separated RH showed good
22 consistency.

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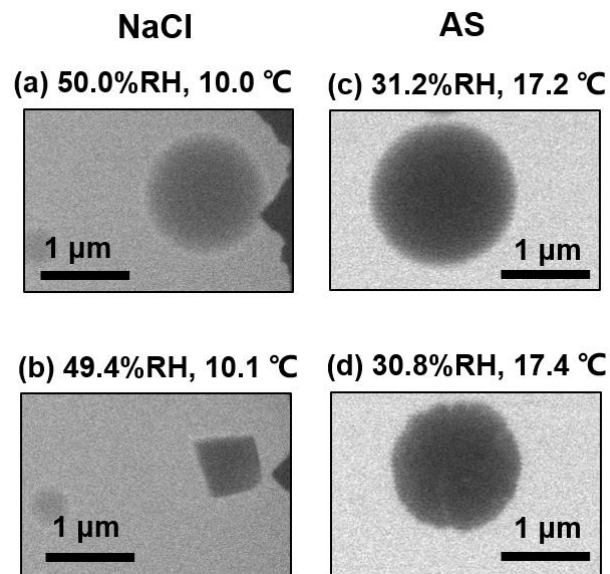


Figure S2 ESEM images of efflorescence processes for (a–b) NaCl and (c–d) AS particles.

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