Supporting Information

Morphology Control of Silicone/Poly(methyl methacrylate) (Elastic/glassy) Composite Particles

Ken Mukai, Yuki Fujii, Mitsuyoshi Yamane, Toyoko Suzuki, Hideto Minami*

Department of Chemical Science and Engineering, Graduated School of Engineering, Kobe University, Kobe 657-8501, Japan

Tel/Fax: (+81)-78-803-6197 E-mail: minamihi@kobe-u.ac.jp

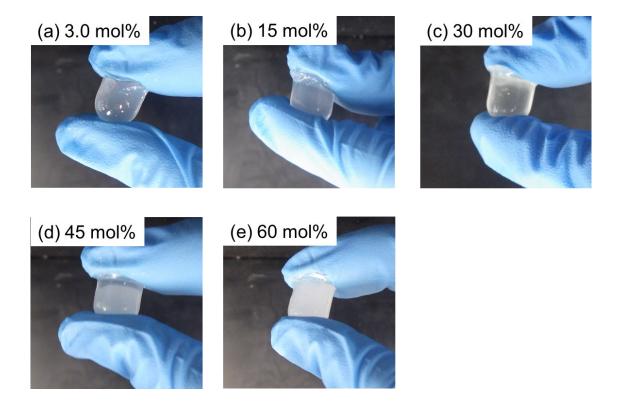


Figure S1. Visual appearances (a-e) of silicone prepared by thiol-ene reaction between SH-silicone and TTT in bulk with various amount of AIBN; (a) 3.0 mol%; (b) 15 mol%; (c) 30 mol%; (d) 45 mol%; (e) 60 mol%

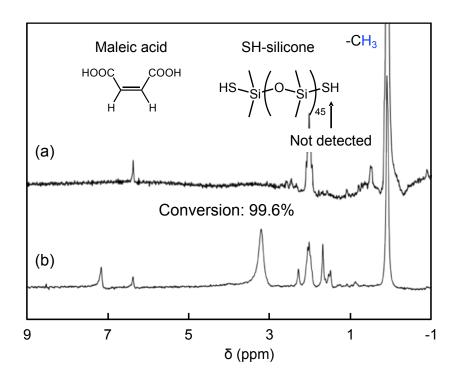


Figure S2 1 H NMR chart of the extracted sample using acetone- d_{6}

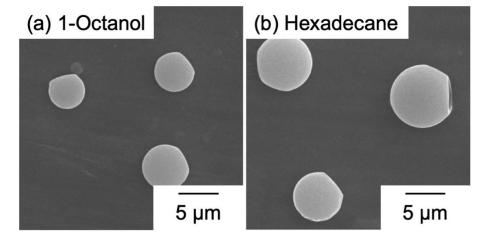


Figure S3. SEM images of silicone particles prepared by thiol-ene reaction in suspension system using 1-octanol (a) and hexadecane (b)

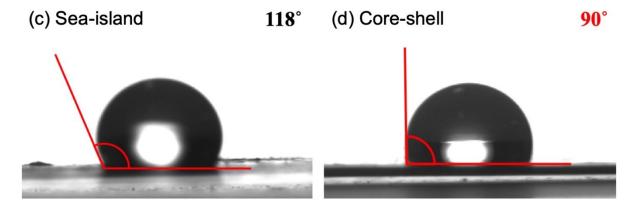


Figure S4. Visual images of the water contact angle on the film prepared from sea-island structure (a) and core-shell structure (b) composite particles.