

Supporting Information for Manuscript Entitled with

Preparation of Poly(lactic-acid)-particle stabilized Liquid Marble and the Improvement of Its Stability by Uniform Shell Formation Upon Solvent Vapor Exposure

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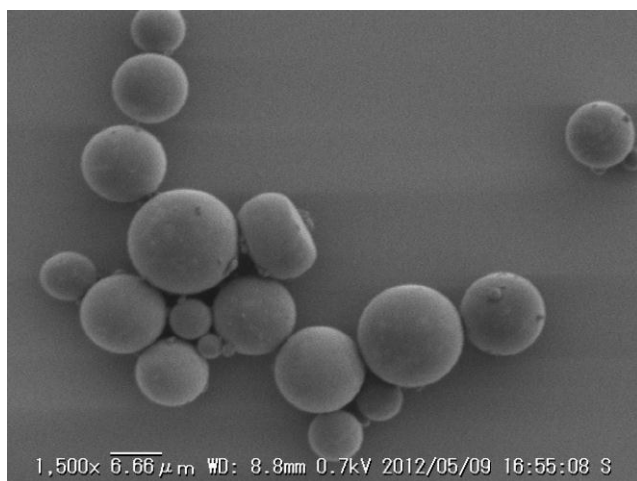


Fig. S1 SEM photograph of PLA microparticles which are dispersed on a Si substrate.

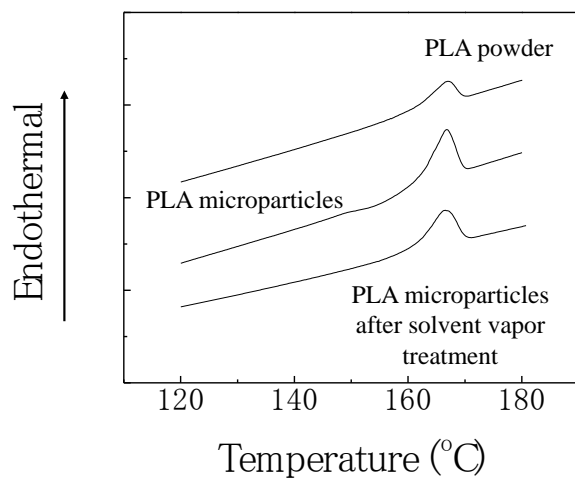


Fig. S2 DSC raw data of PLA before microparticulation, PLA microparticles, and PLA microparticles after solvent vapor treatment.

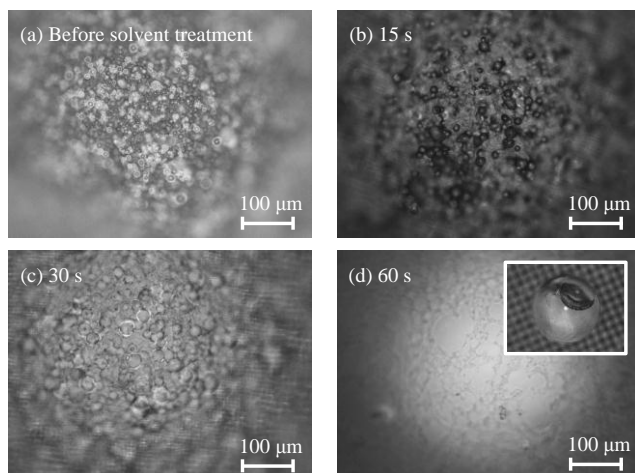


Fig. S3 Optical microscopic images of the PLA shell layer: (a) before solvent vapor treatment, and after treating for (b) 15 s, (c) 30 s, and (d) 60 s (inset: over-roll view of the liquid marble).

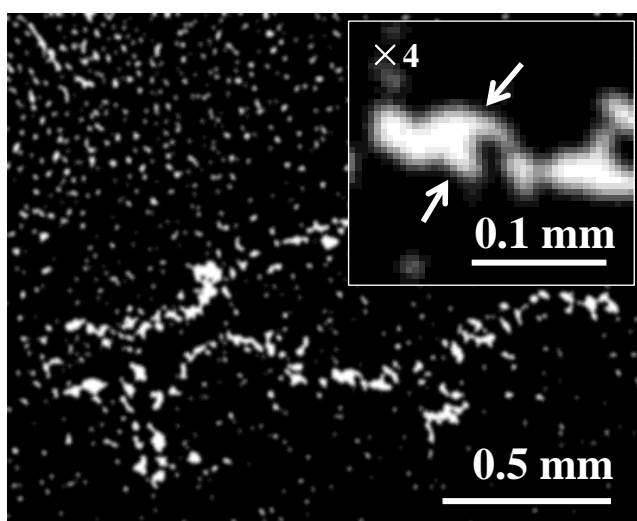


Fig. S4 Cross-sectional image of PLA without solvent vapor treatment (inset: magnified image of the PLA shell layer).

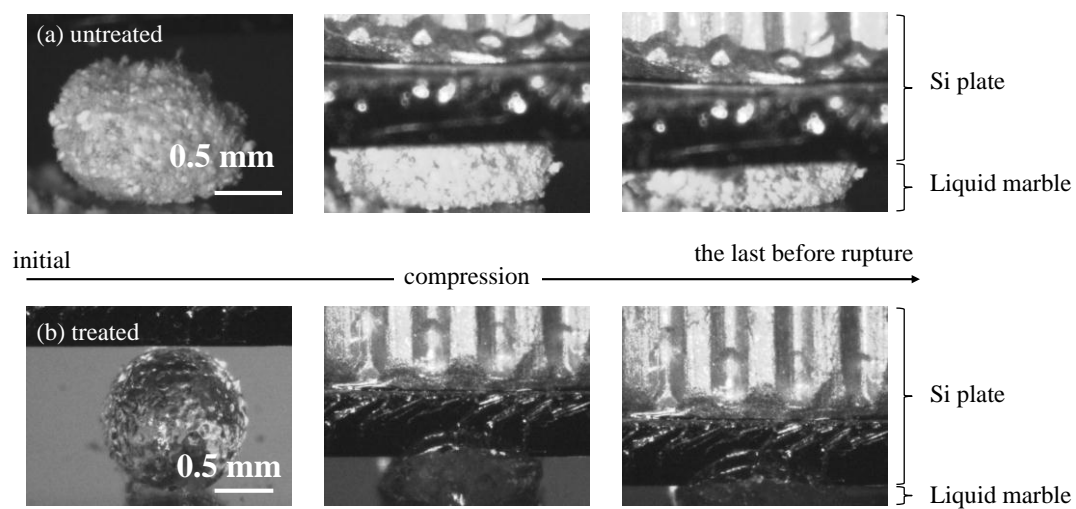


Fig. S5 Side-views of liquid marbles during the compression.

