

Supporting Information

Preparation of thermochromic Cholesteric Liquid Crystal Microcapsules with planar alignment by stepwise interfacial polymerization

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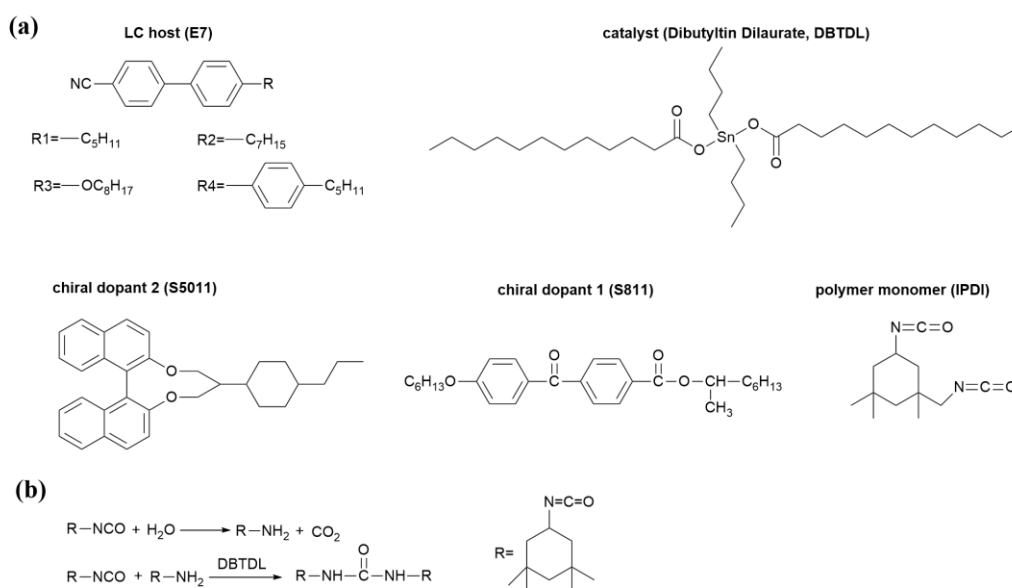


Fig. S1 (a) Chemical structures of the molecules used in the CLC microcapsules. (b) Reaction mechanism of polyurea.

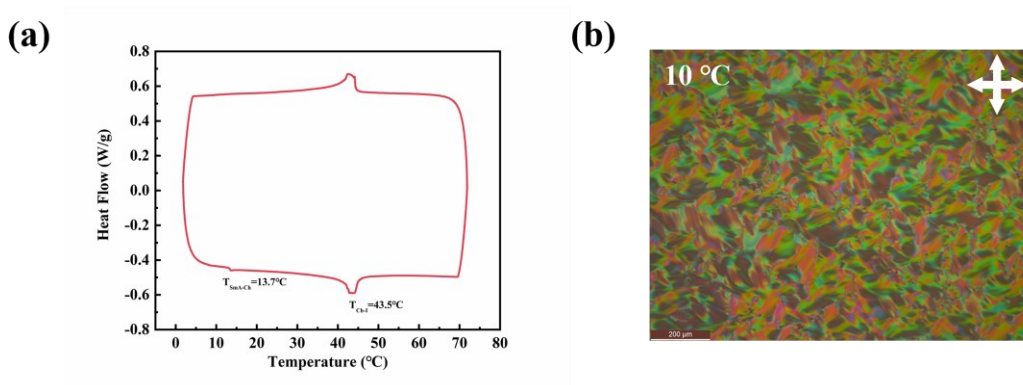


Fig. S2 (a) DSC heating-cooling curves of the CLC mixture (LC host E7). (b) The POM image of CLC mixture at 10 °C.

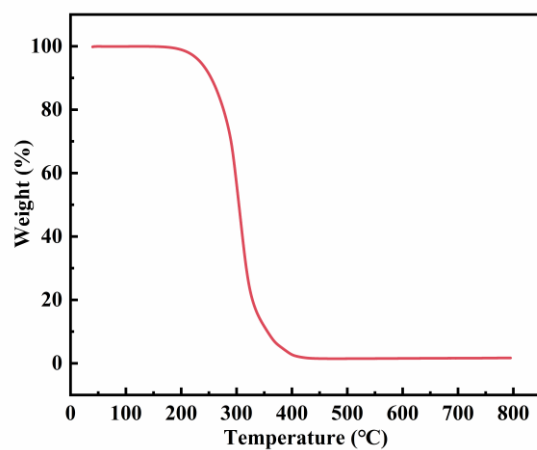


Fig. S3 TGA curves of the CLC microcapsules

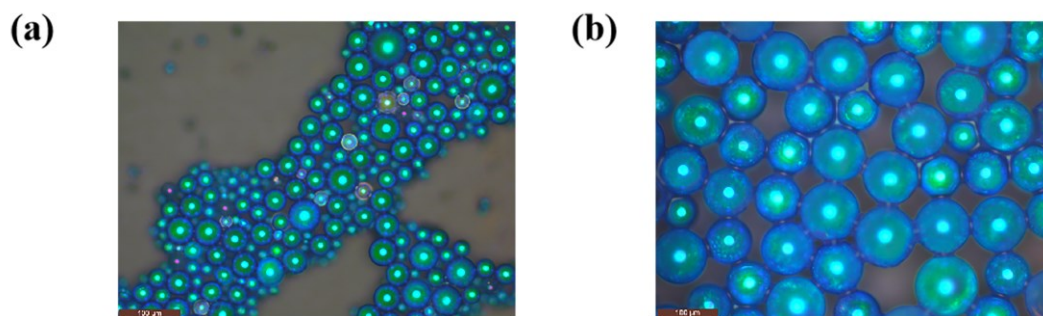


Fig. S4 (a) The OM image of microcapsules with diameters below 70 μm. (b) The OM image microcapsules with diameters above 70 μm.

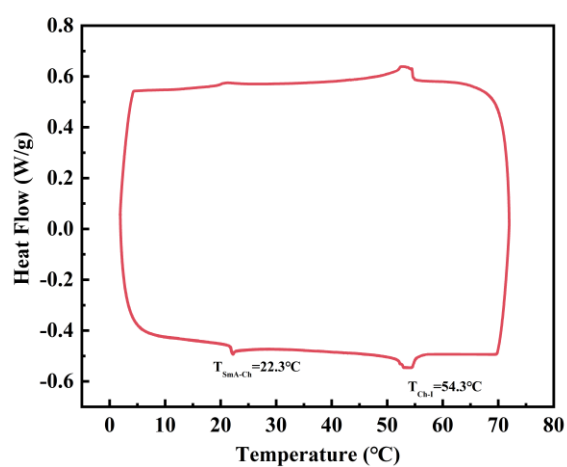


Fig. S5 DSC heating-cooling curves of the CLC mixture (LC host HNG715500-000).