

Supplementary Information for

An emulsifier- and organic solvent-free one-step method for
fabricating nano-encapsulated phase change materials

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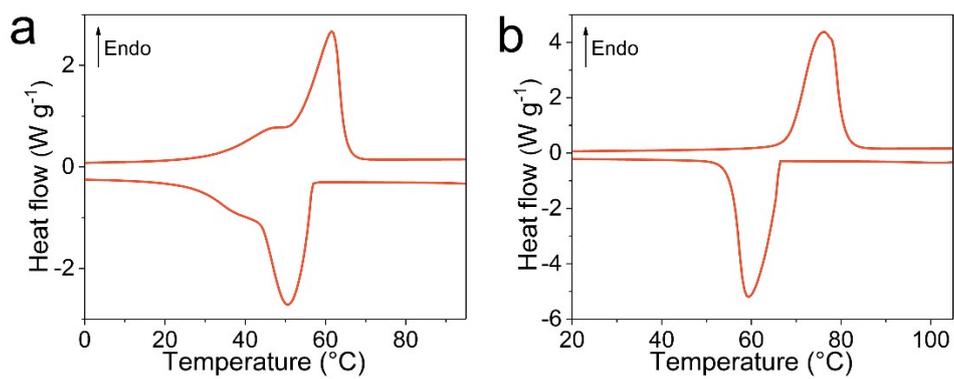


Figure S1. DSC curves of (a) solid paraffin and (b) SA.

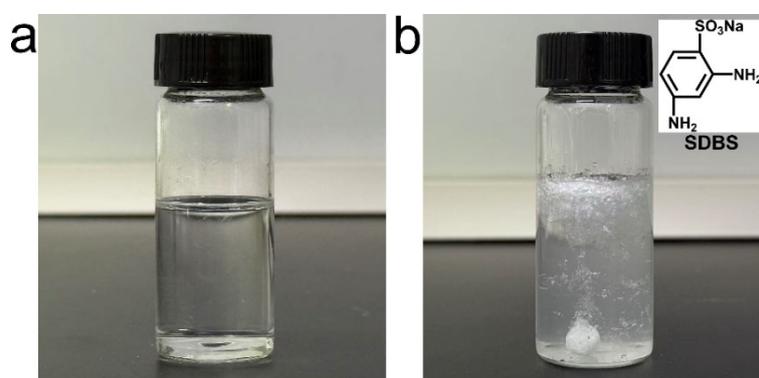
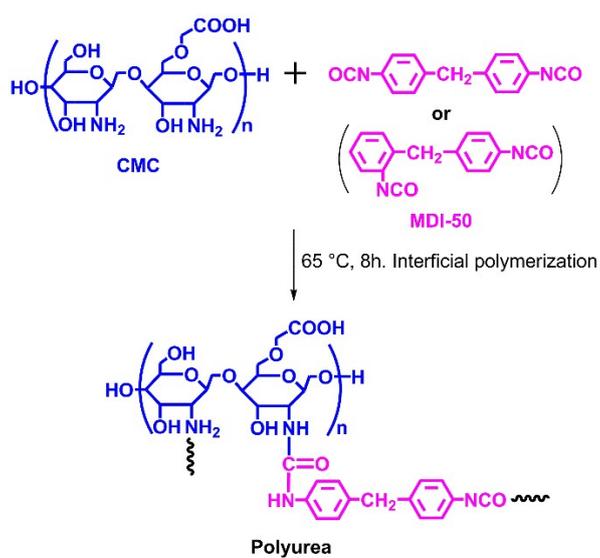


Figure S2. Photographic images of (a) PEG–water mixture with a mass ratio of 1:4 and (b) LA suspension where MDI-50 was reacted with SDBS at 65 °C.



Scheme S1. Chemical reaction between CMC and MDI-50.

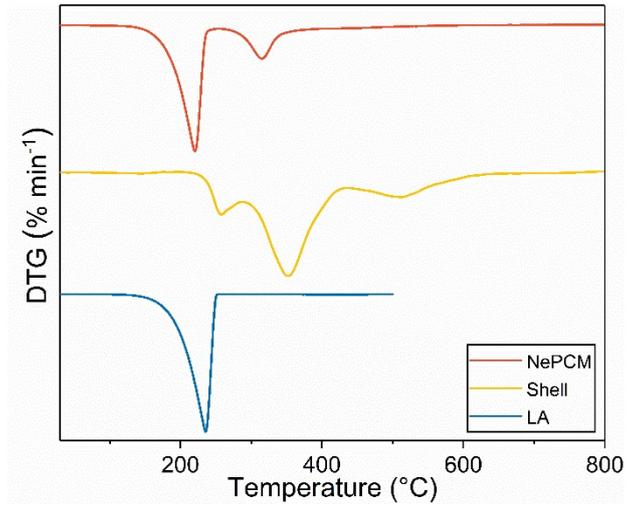


Figure S3. DTG curves of the NePCM, the shell, and LA.

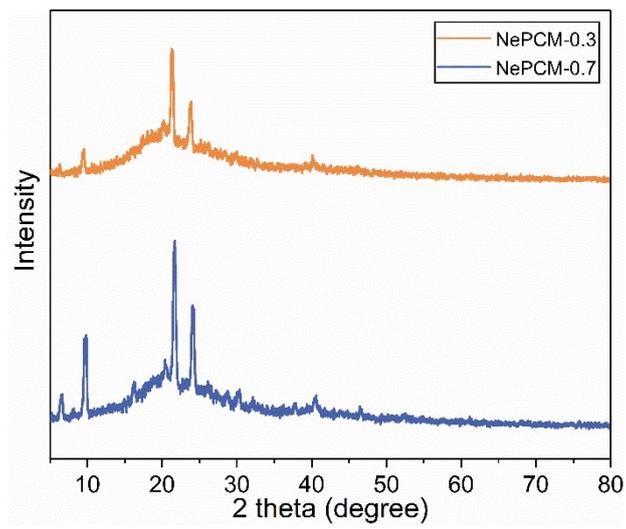


Figure S4. XRD patterns of the NePCM-0.3 and NePCM-0.7.

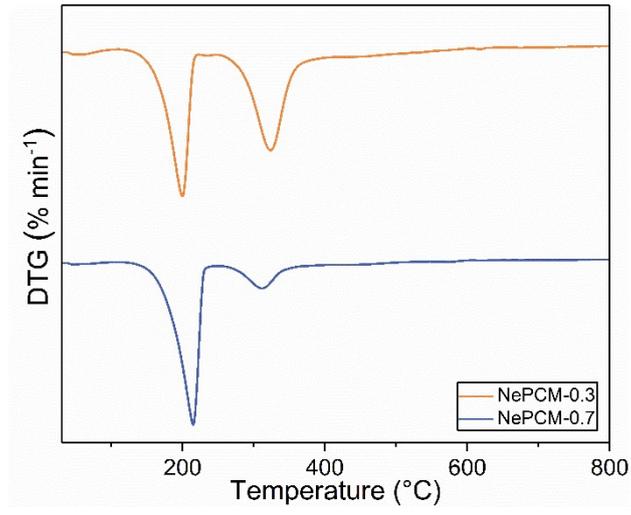


Figure S5. DTG curves of the NePCM-0.3 and NePCM-0.7.