Dual-Encapsulation of octadecanol in thermal/electric conductor for enhanced thermoconductivity and efficient energy storage

Wenhao Wu a, Ruimin Yao a, Xinyu Huang a, Renjie Chen a, Kai Li b, Song Gao a and Ruqiang Zou a

a Department of Materials Science and Engineering, College of Engineering, Peking University, Beijing 100871, China. Correspondence and requests for materials should be addressed to R. Z. (e-mail: rzou@pku.edu.cn).

b Research Institute of Chemical Defence, Beijing, China

Figure S1. (a) The composite with repeated dipping was fully covered by WPU, (b) the composite dipped in the solution during the time was partially covered.

Figure S2. FT-IR of GF.
Figure S3. TGA curves of WPU.

Table S1. The electron conductivity of different samples

<table>
<thead>
<tr>
<th>Sample</th>
<th>GF</th>
<th>OCT@GF (without)</th>
<th>OCT@GF (with)</th>
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</thead>
<tbody>
<tr>
<td>Electric conductivity (S/m)</td>
<td>669</td>
<td>537</td>
<td>15.6</td>
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