

## Supplementary Materials

# Structural, Physical, and Mechanical Analysis of ZnO and TiO<sub>2</sub> Nanoparticle-Reinforced Self-Adhesive Coating Restorative Material

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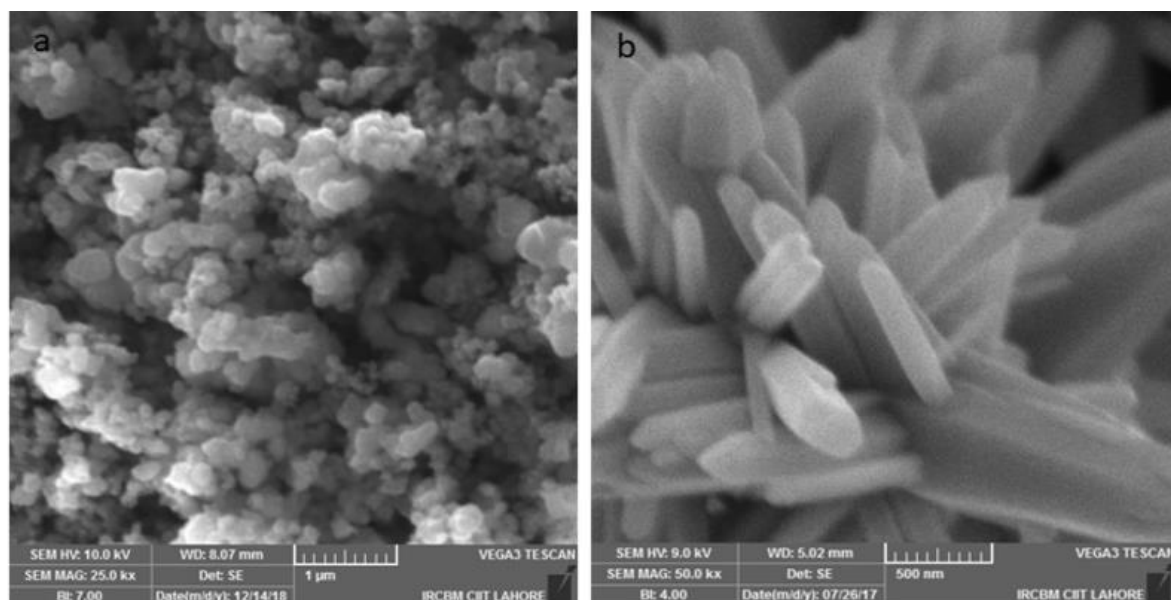
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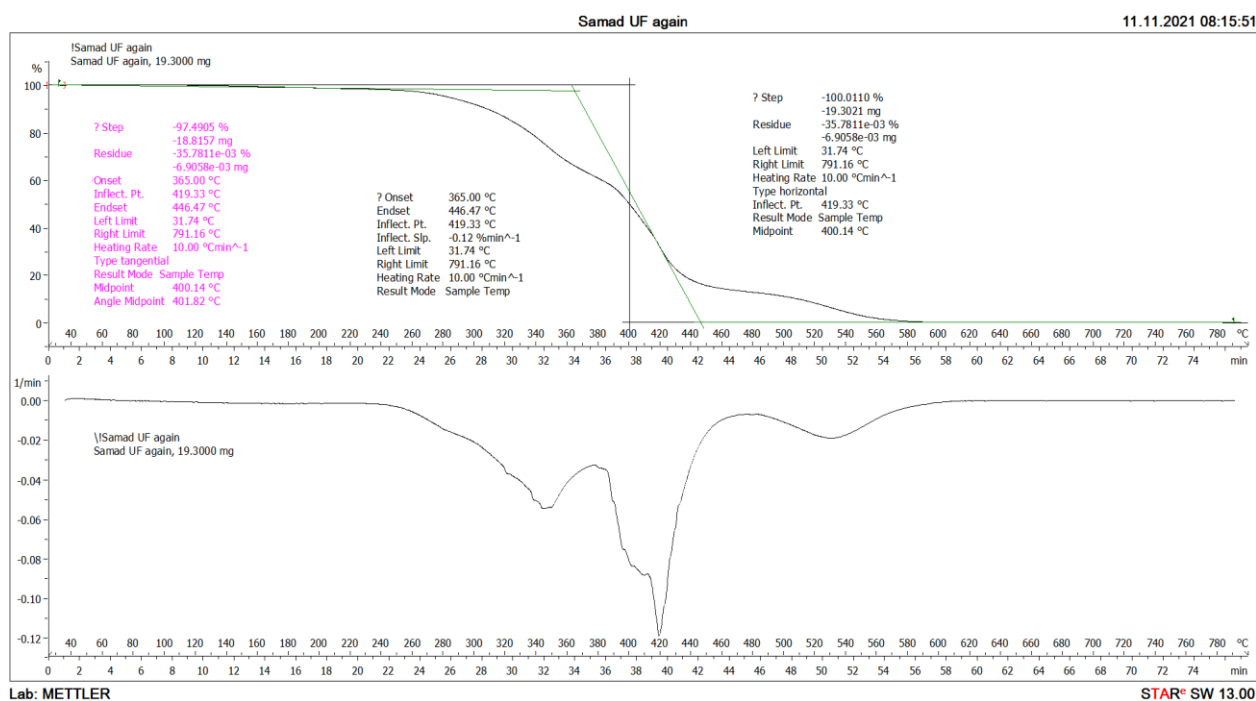
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## Morphological analysis

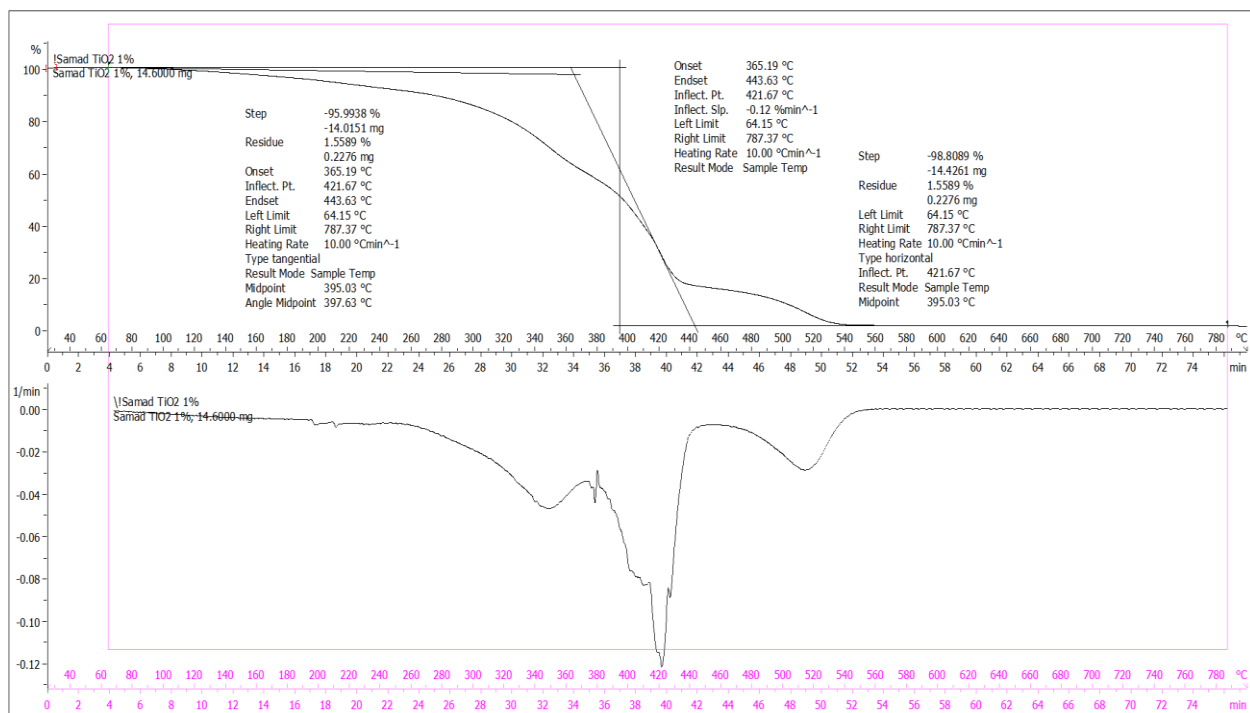


**Figure S1.** SEM images of (a) titanium dioxide and (b) zinc oxide nanoparticles, where the particle size of titanium dioxide and zinc oxide are 50-100 nm and 200-500 nm, respectively.

## Thermal analysis



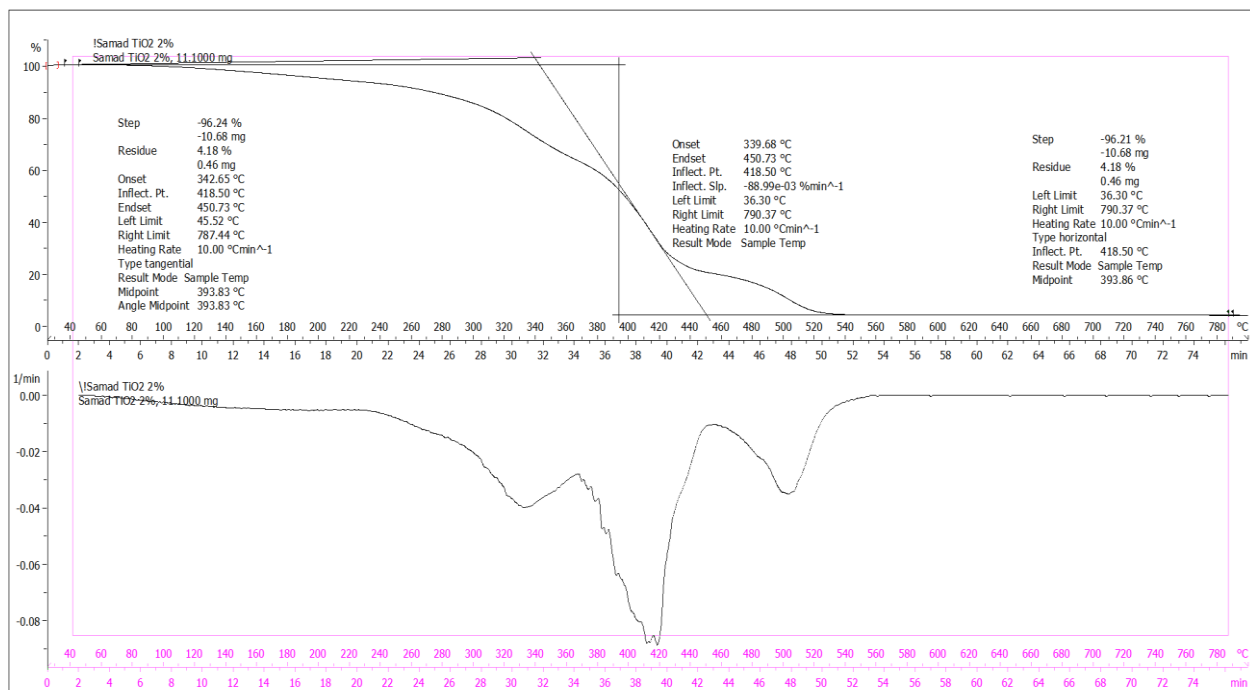
(a)



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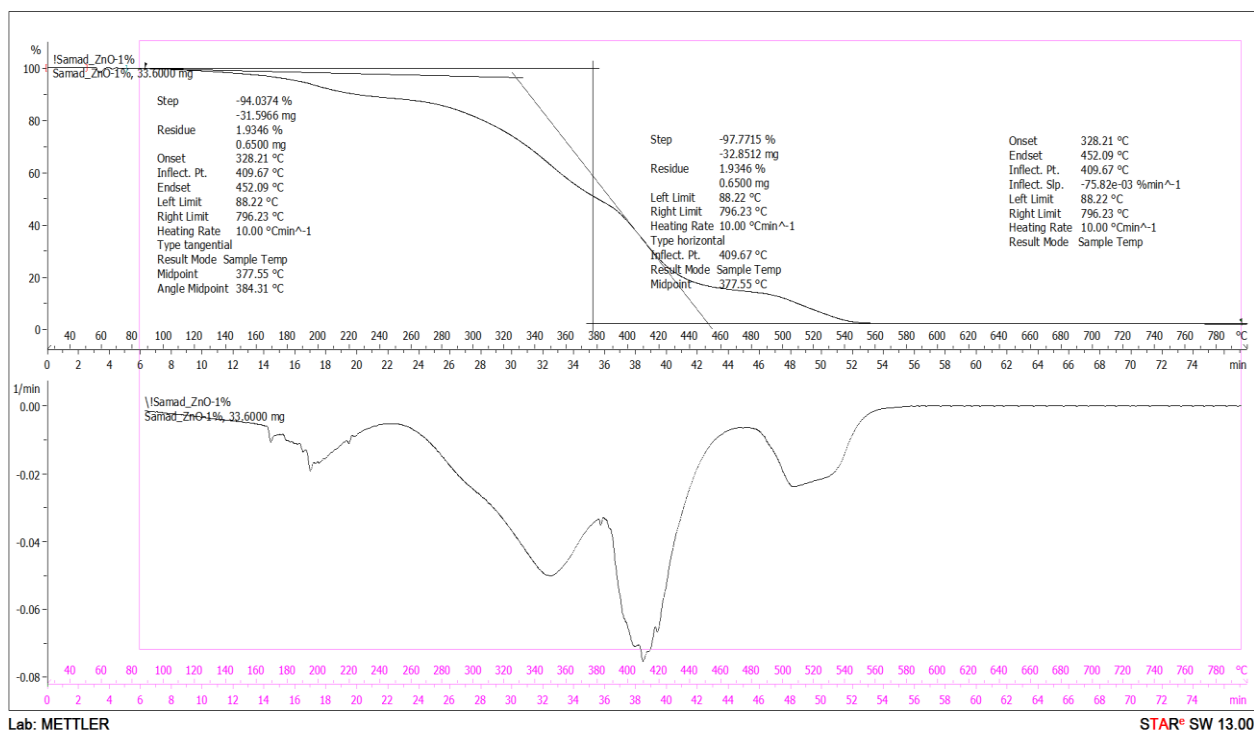
(b)



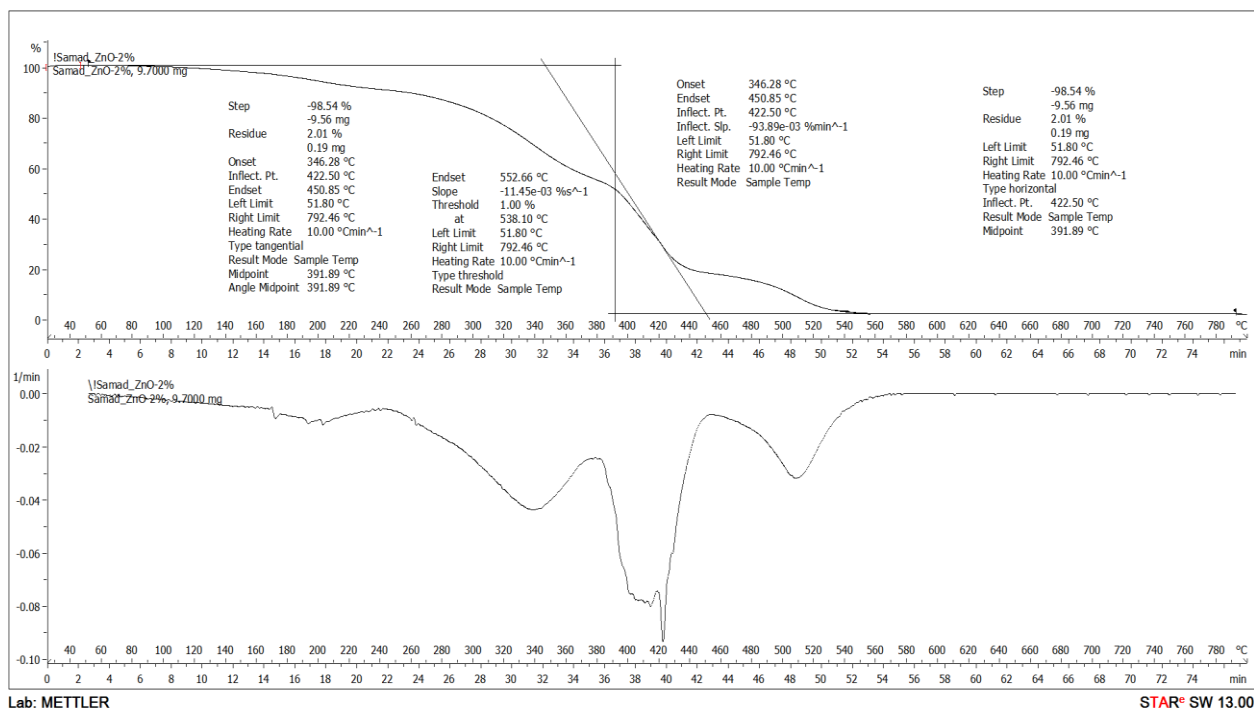
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(c)



(d)



(e)

**Figure S2.** (a) Thermogram of EC-C showing weight loss (%) and derivative weight loss. (b) Thermogram of EC-T1 showing weight loss (%) and derivative weight loss. (c) Thermogram of EC-T2 showing weight loss (%) and derivative weight loss. (d) Thermogram of EC-Z1 showing weight loss (%) and derivative weight loss. (e) Thermogram of EC-Z2 showing weight loss (%) and derivative weight loss.