Controllable friction of epoxy composite via thermal treatment

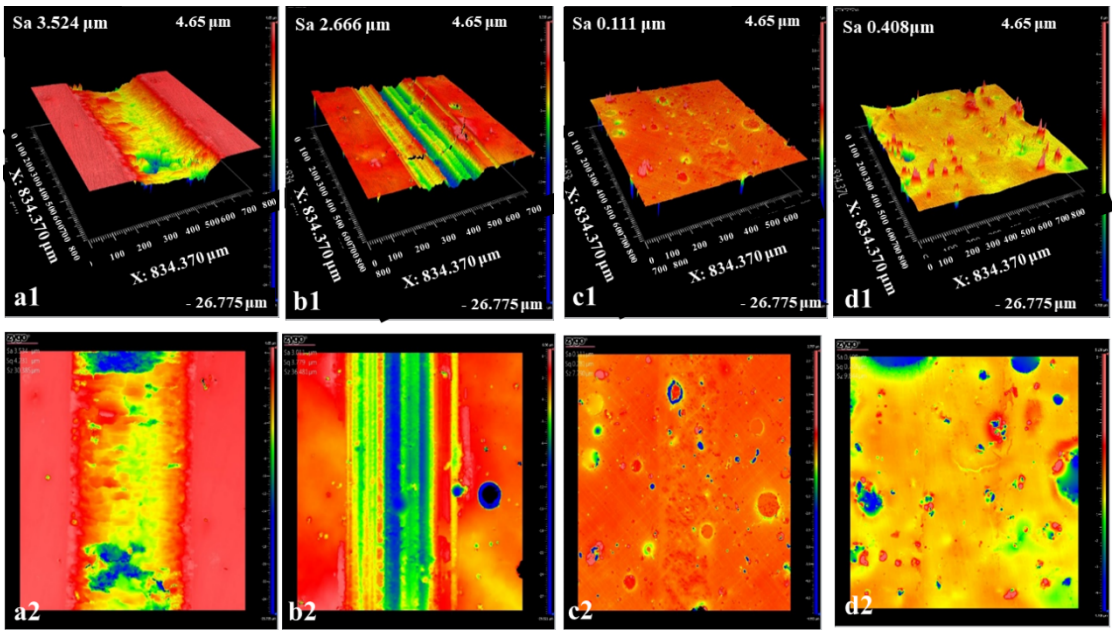

Figure S1. Three-dimensional (3D) morphology of wear tracks at 80 ℃. (a) pure EP; (b) Shell@EP; (c) PHHD@MS@EP; (d) PHHD@EP.

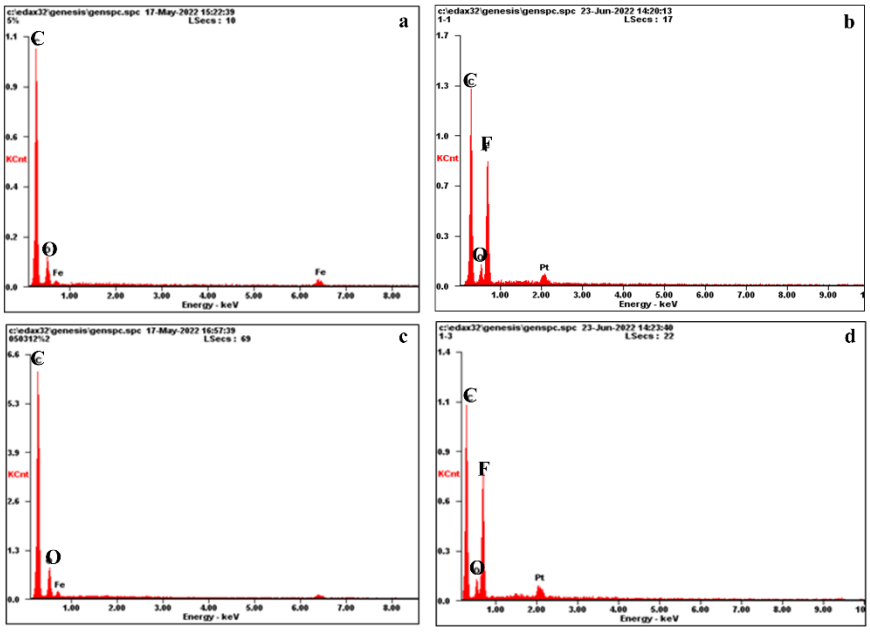

Figure S2. EDS spectra of (a) EP resin; (b) PHHD@EP; (c) Shell@EP; (d) PHHD@MS@EP

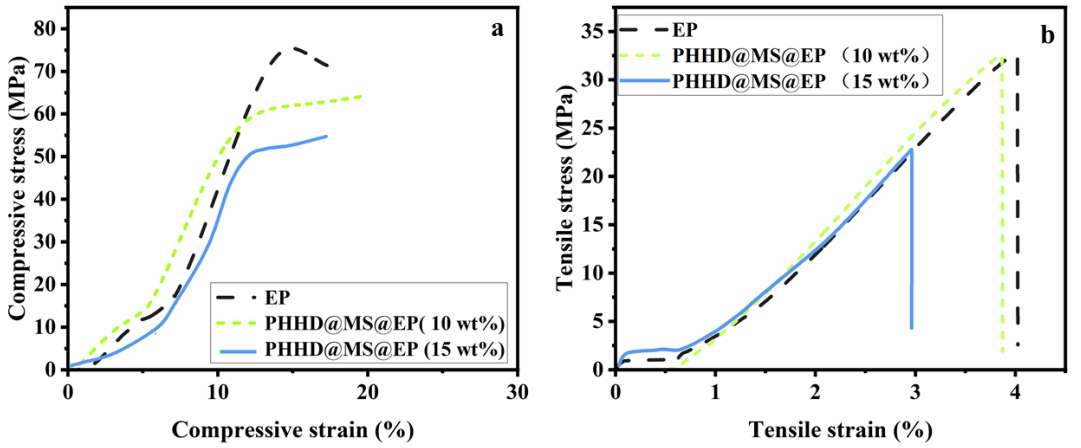

Figure S3. (a) Compressive stress and (b) Tensile stress of PHHD@MS@EP with different mass fraction of PHHD@MS.

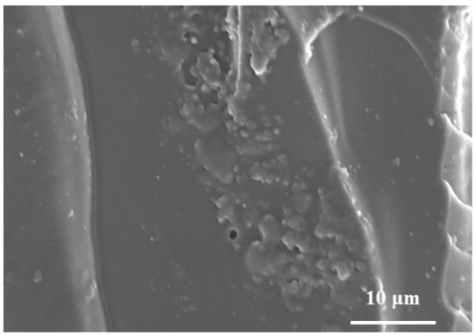

Figure S4. The SEM of the fracture surface of PHHD@MS@EP with 15 wt % of PHHD@MS

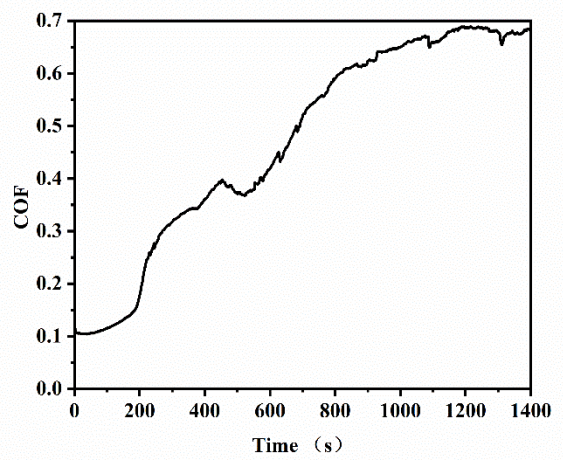

Figure S5. The COF of pure EP at 110 ℃.