Supporting Information

Fluorescent and UV-shielding dual-functional epoxy enabled by reactive addition of 9-anthracenemethoxyl glycidyl ether

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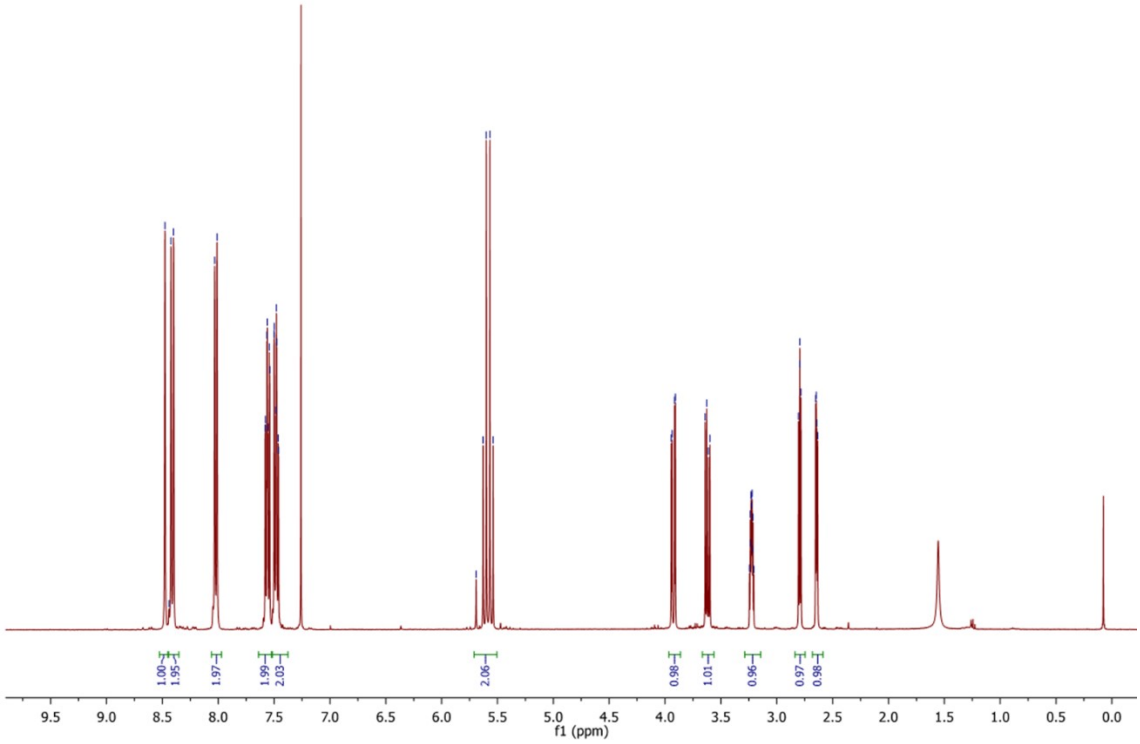

Figure S1. [1] H-NMR of synthesized 9-Anthracenemethoxyl glycidyl ether (EAn).

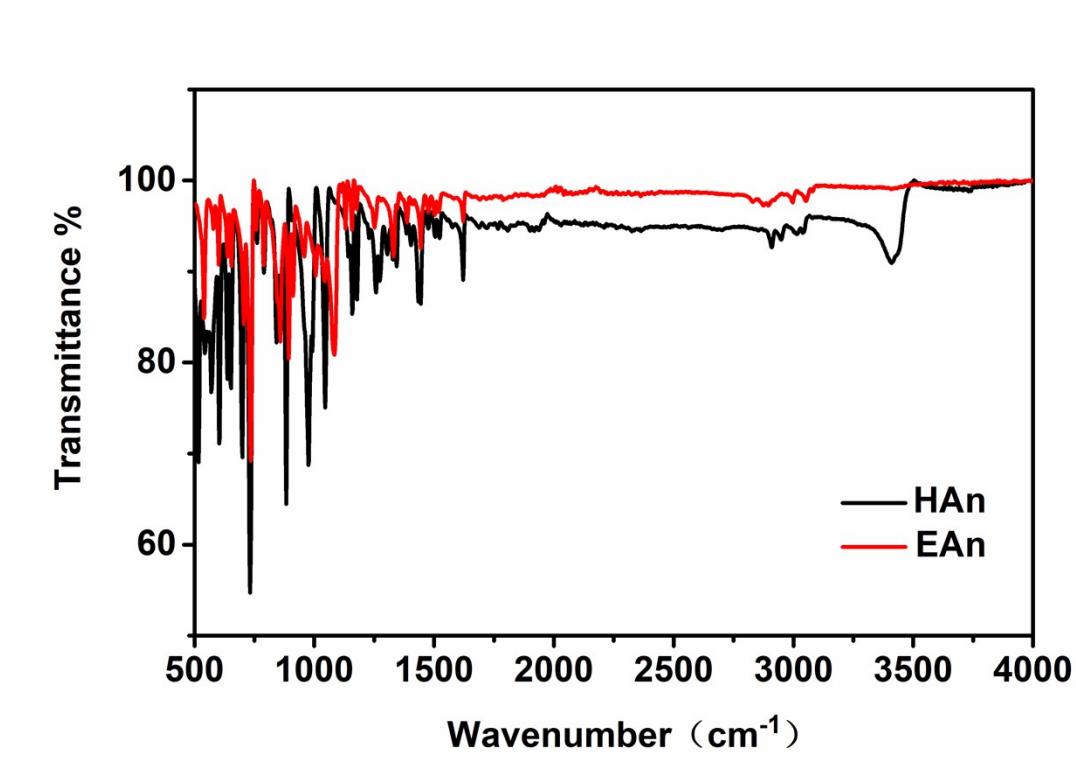

Figure S2. Fourier transform infrared spectroscopy (FTIR) of HAn and EAn.

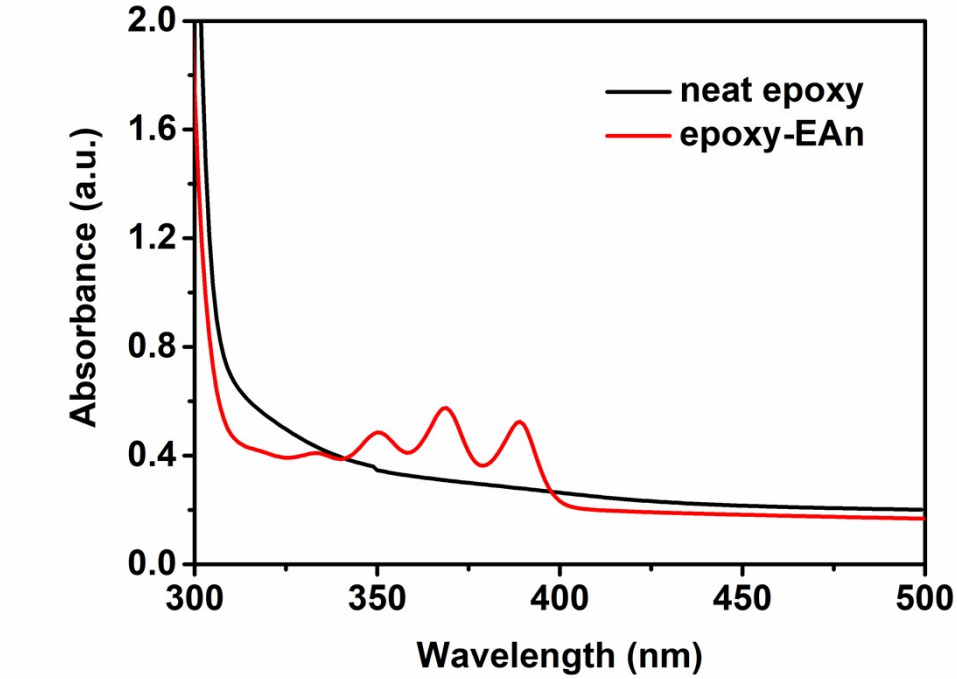

Figure S3. UV–VIS absorption of the neat epoxy and the epoxy-EAn (0.01 % EAn).

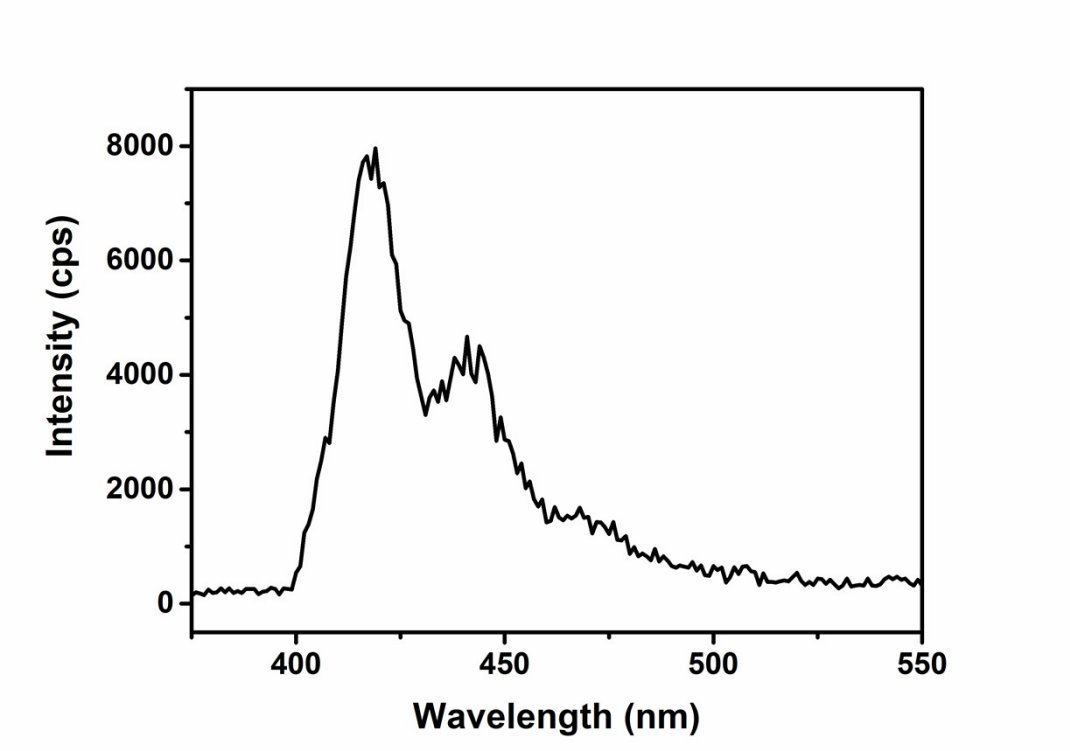

Figure S4. Fluorescence emission spectra of epoxy-EAn (0.1 % EAn) under 254 nm.

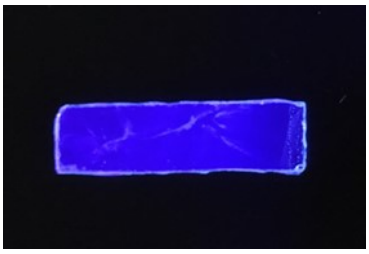

Figure S5. Fluorescence of epoxy-EAn after exposure under natural light for 3 months.

Figure S6. Photograph of epoxy-EAn layer under natural light after information input.

Figure S7. Photograph of epoxy-EAn layer under 365 nm UV light after overexposure for information erasure.