

# Electronic Supplementary Material

## Anticorrosive composite self-healing coating enabled by solar irradiation

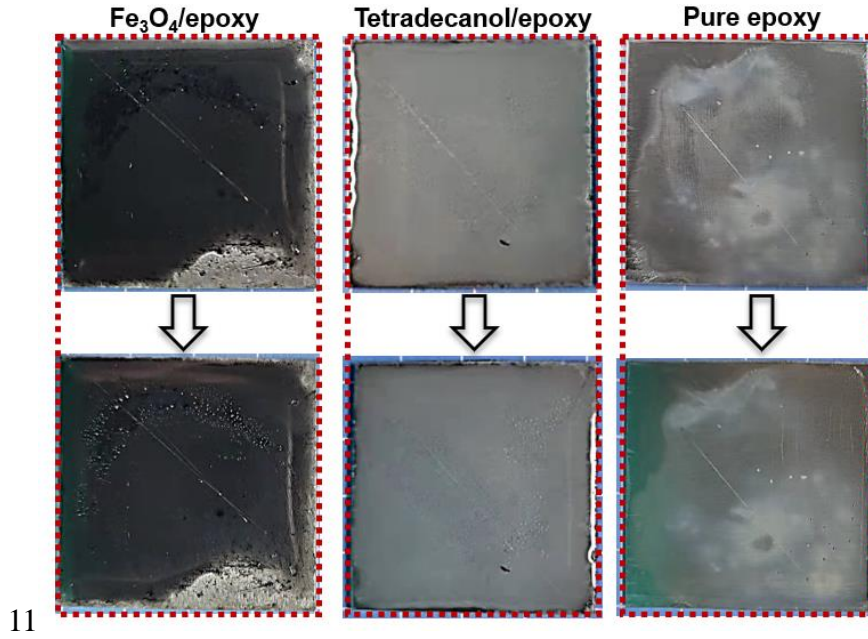
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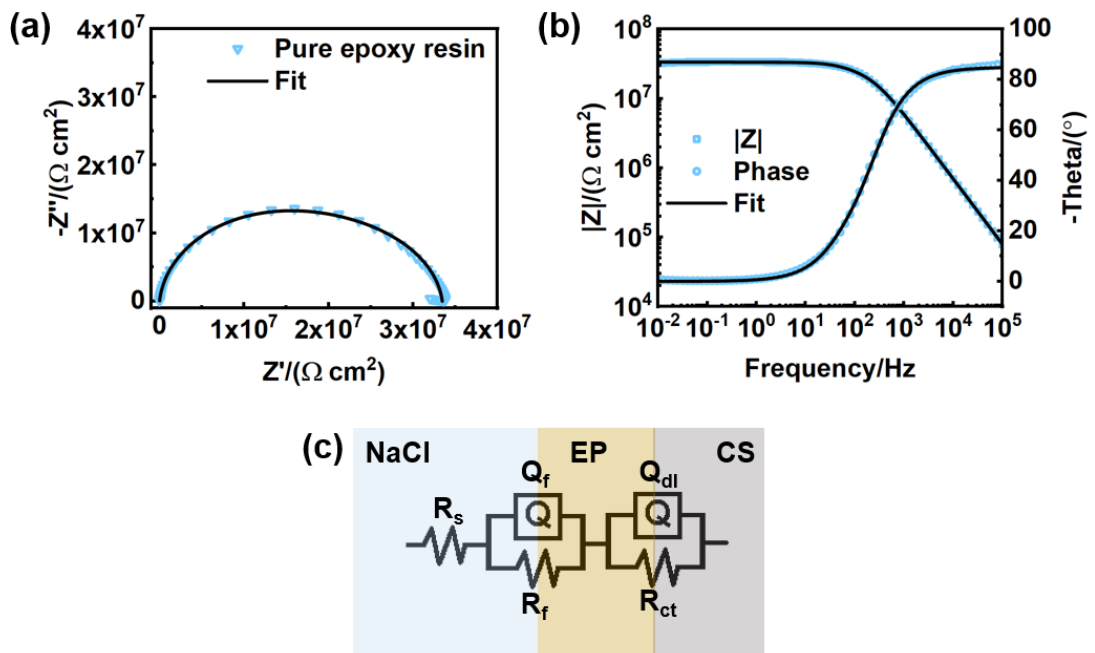
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**Fig. S1.** Images of damaged  $\text{Fe}_3\text{O}_4/\text{epoxy}$ , tetradecanol/epoxy and pure epoxy coatings before and after 30-min solar irradiation.



**Fig. S2** (a) Nyquist and (b) Bode plots of pure epoxy resin-coated CS. (c) Equivalent circuit of the pure epoxy resin-coated CS.