CO$_2$-responsive self-healable hydrogels based on hydrophobically-modified polymers bridged by wormlike micelles

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Figure S1. Viscosity versus shear rate plots for the HMPAM hydrogel with various polymer weight percentages.

Figure S2. Linear viscoelastic modulus, G'($\omega$) and G''($\omega$), for the HMPAM hydrogel with various polymer weight percentages.
Figure S3. Viscosity versus shear rate plots for the HMPAM hydrogel with various concentrations of SDS/TMPDA before bubbling CO₂.

Figure S4. Viscosity versus shear rate plots for the HMPAM hydrogel with various concentrations of SDS/TMPDA after bubbling CO₂.

Figure S5. Viscosity versus shear rate plots for 35mM SDS/TMPDA solution before and after bubbling CO₂.
Figure S6. Linear viscoelastic modulus, $G'(\omega)$ and $G''(\omega)$, for 35mM SDS/TMPDA solution after bubbling CO$_2$. 