

## Supporting Information

# Intermolecular quadruple hydrogen-bonding strategy to fabricate self-healing and highly deformable polyurethane hydrogels

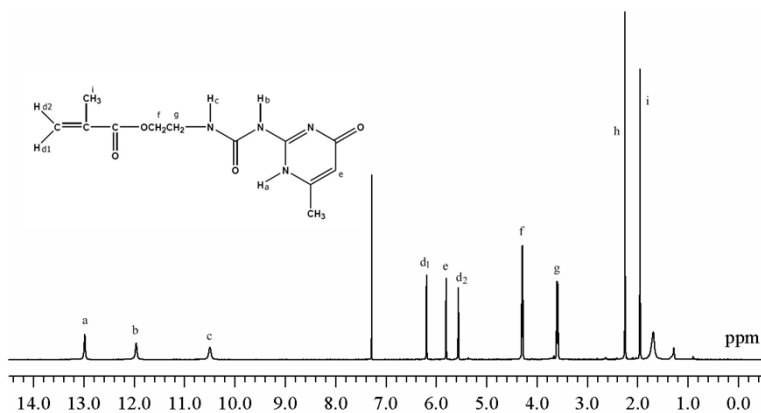
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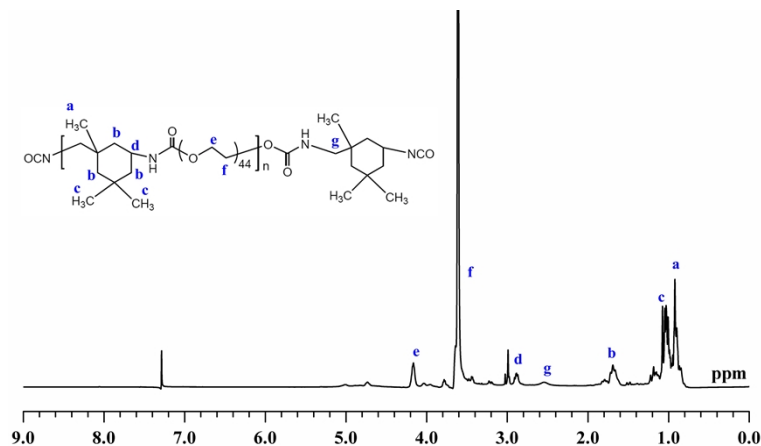
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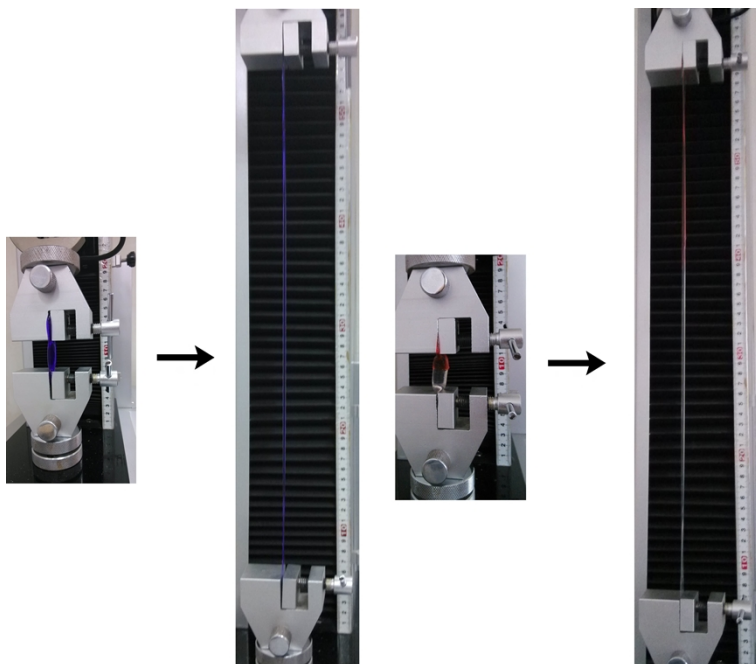
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**Figure S1**  $^1\text{H}$  NMR spectrum of SCMHBMA in  $\text{CDCl}_3$



**Figure S2**  $^1\text{H}$  NMR spectrum of PU-NCO in  $\text{CDCl}_3$ .



**Figure S3** Tension tests of original (left) and self-healed (right) polyurethane hydrogels.