

Supporting Information

### 5-Hydroxymethyl-2-vinylfuran: A biomass-based solvent-free adhesive

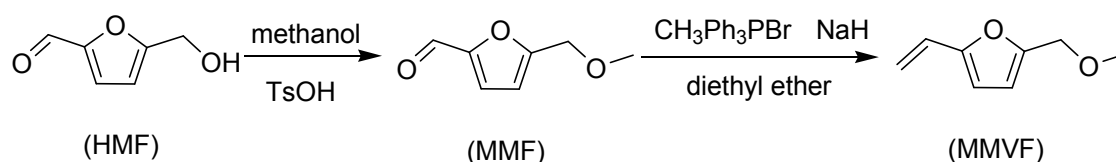
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Scheme S1. Synthesis of MMVF.

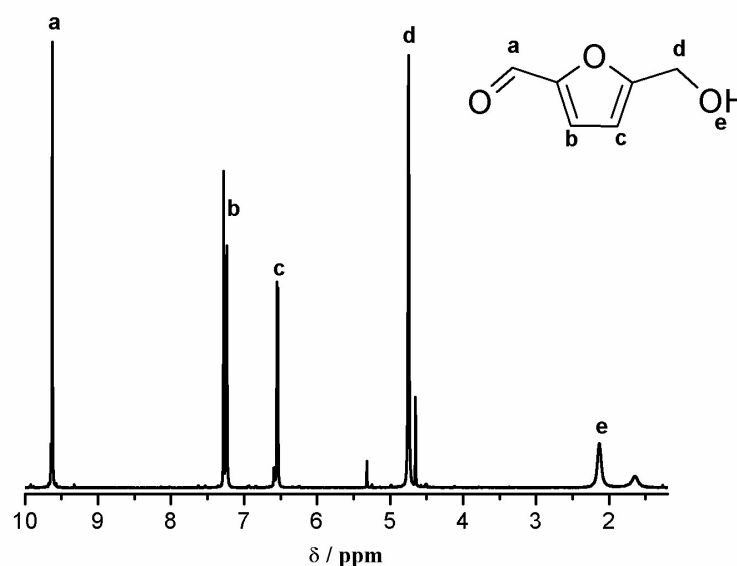


Figure S1. <sup>1</sup>H NMR spectrum of the HMF (in CDCl<sub>3</sub>, 300 MHz).

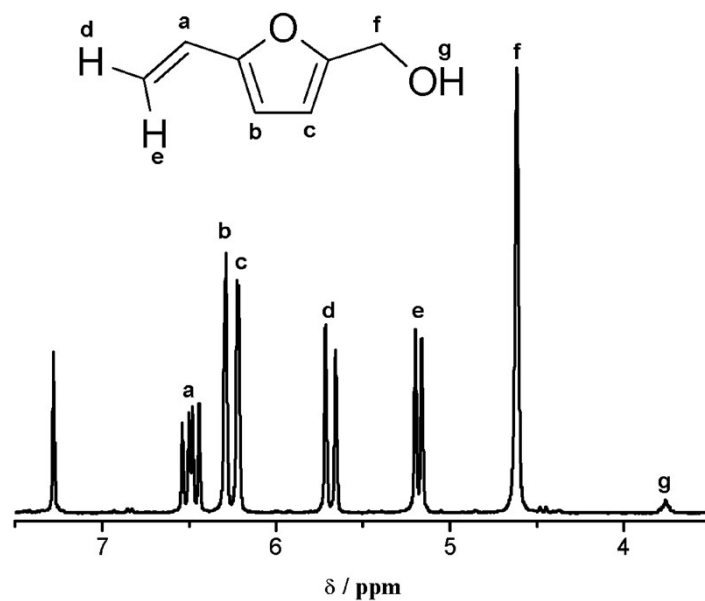


Figure S2.  $^1\text{H}$  NMR spectrum of the HMVF (in  $\text{CDCl}_3$ , 300 MHz).

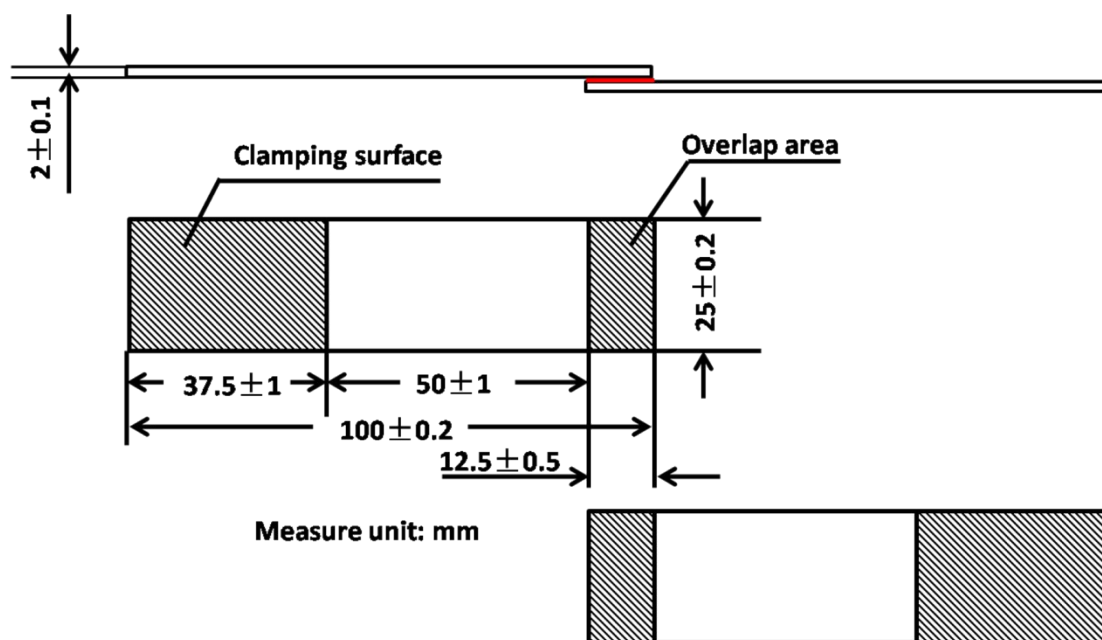
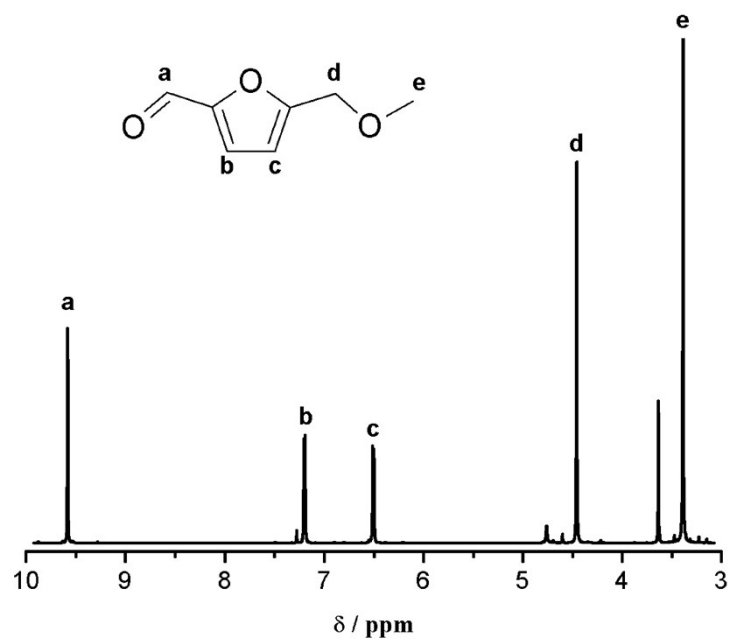
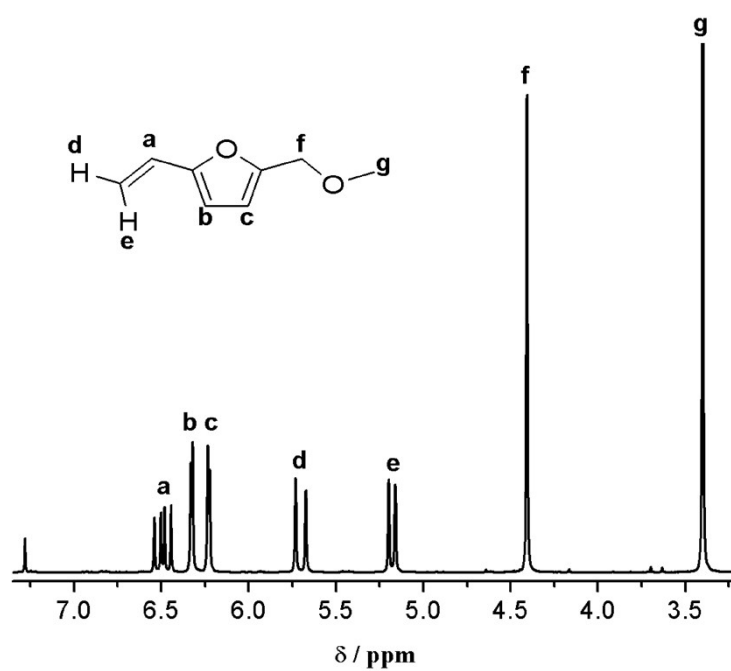


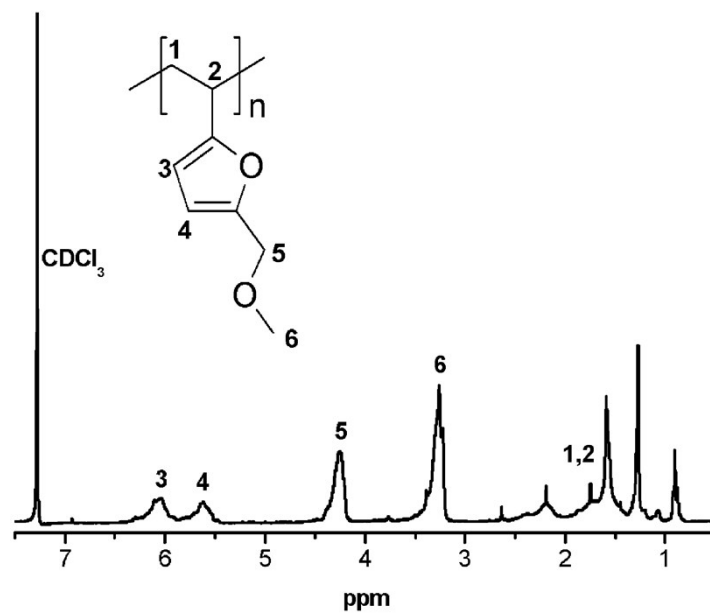
Figure S3. Schematic of the sandwiched sample for the lap shear test.



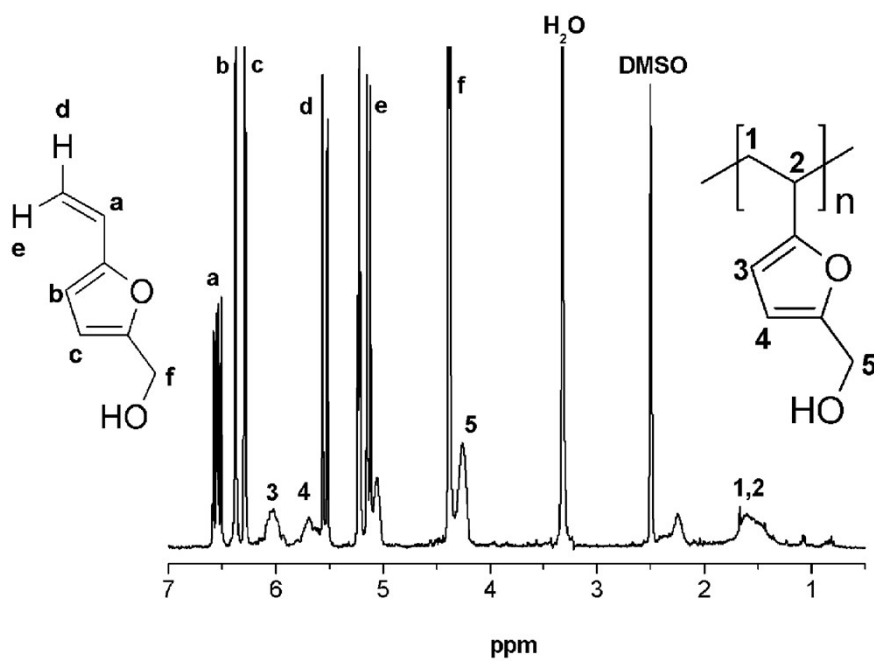
**Figure S4.** <sup>1</sup>H NMR spectrum of MMF (in CDCl<sub>3</sub>, 300 MHz).



**Figure S5.** <sup>1</sup>H NMR spectrum of MMVF (in CDCl<sub>3</sub>, 300 MHz).



**Figure S6.**  $^1\text{H}$  NMR spectrum of PMMVF (in  $\text{CDCl}_3$ , 300 MHz).



**Figure S7.**  $^1\text{H}$  NMR spectrum of PHMVf (in  $\text{DMSO}$ , 400 MHz).