

## Supporting Information

# Thermally Self-healing Silicone-based Networks with Potential Application in Recycling Adhesives

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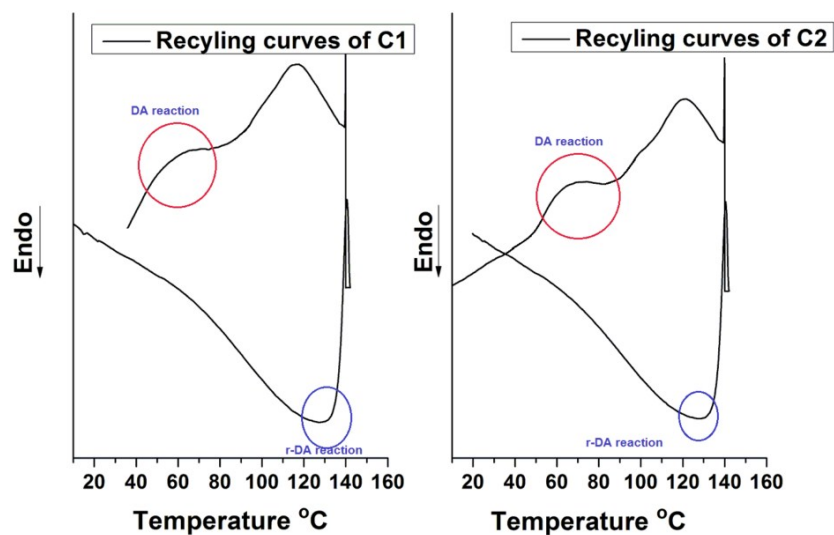


Figure S1. DSC curves for C1 and C2.

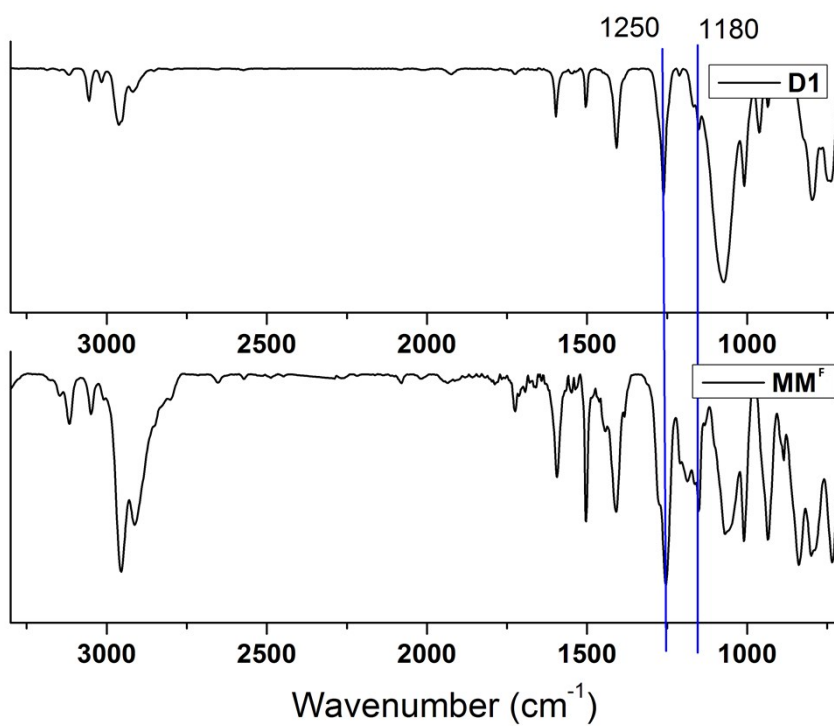
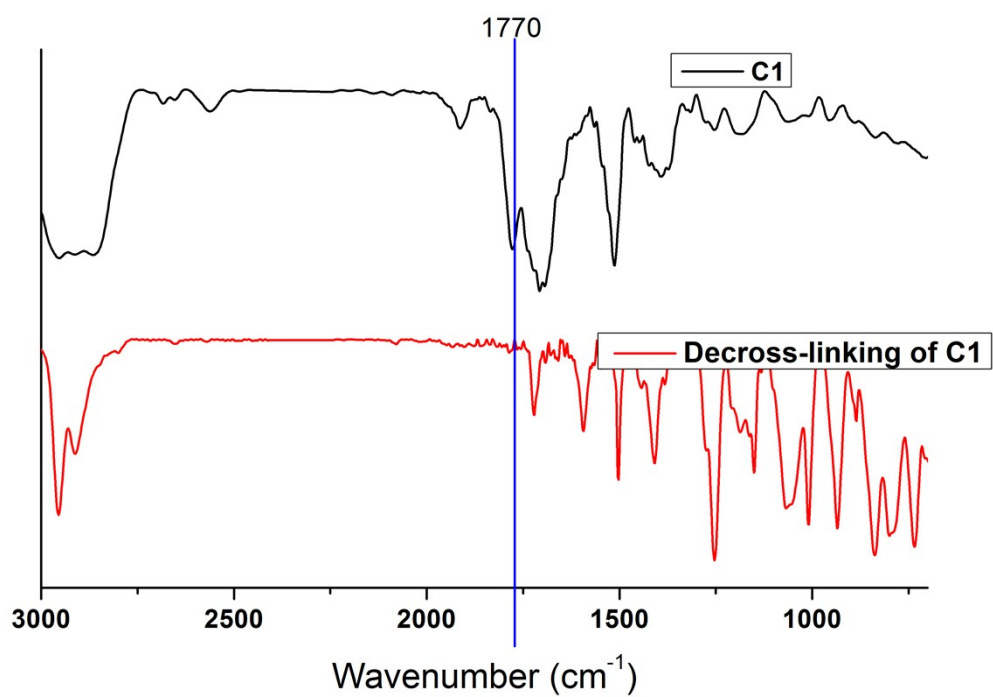


Figure S2. FTIR spectra of MM<sup>F</sup> and D1.



**Figure S3.** FTIR spectra of **C1** and the de-forming product of **C1**.



**Figure S4.** Images of the de-forming products of **C5** after heating and cooling down process dissolving in Toluene.