

Electronic Supplementary Information (ESI) for New Journal of Chemistry.

Supplementary Information

A Silsesquioxane-Urethane Type of Hybrid Material
 Synthesized by Modified Sol-Gel Process

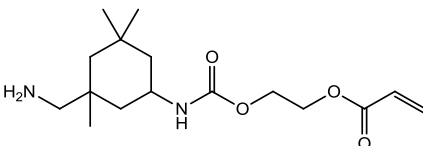
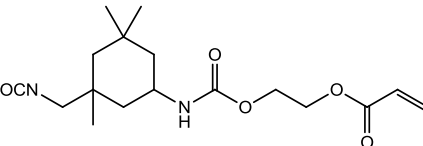
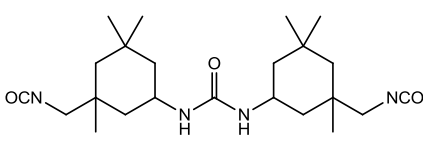
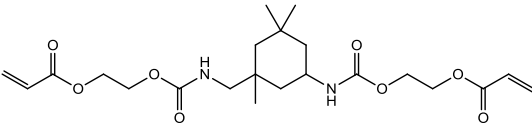
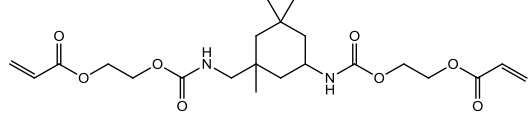
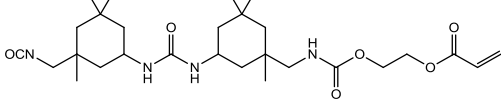
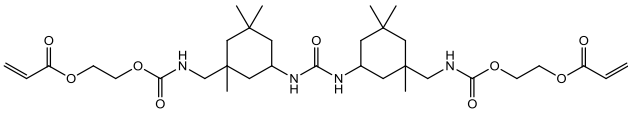
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Table S1 Composition assignments of the main peaks (relative intensities above 20%) in the ESI mass spectrum for IPDI-HEA

m/z exp.	Possible structures	Ion species	m/z calc.	Mass errors
313.1843		[M+H] ⁺	313.2122	-0.009%
339.3028		[M+H] ⁺	339.1915	0.033%
419.3319		[M+H] ⁺	419.3017	0.007%
455.3152		[M+H] ⁺	455.2388	0.017%
477.2384		[M+Na] ⁺	477.2207	0.004%
535.4782		[M+H] ⁺	535.3490	0.024%
651.5578		[M+H] ⁺	651.3964	0.025%

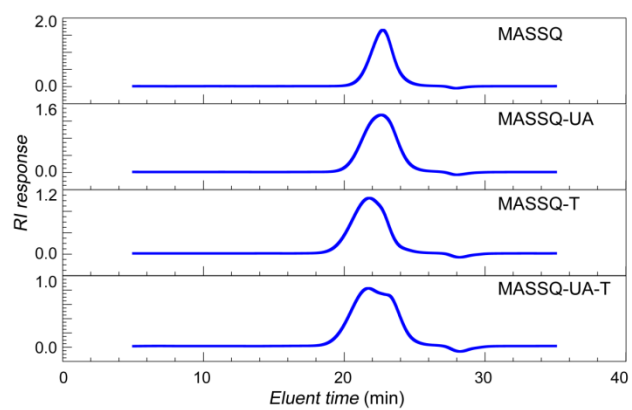


Fig. S1 GPC traces of the MASSQ, MASSQ-UA, MASSQ-T, MASSQ-UA-T. MASSQ-T and MASSQ-UA-T are the samples of MASSQ and MASSQ-UA after keeping at 65 °C for 7 days.

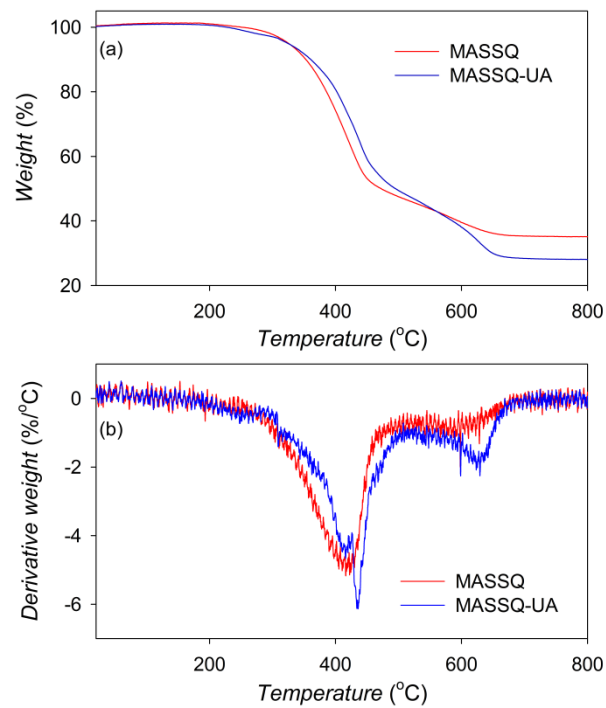


Fig. S2 TG (a) and DTG (b) curves of MASSQ and MASSQ-UA at a heating rate of 10 °C/min in air.