

Supplementary Information

Table S1. Fatty acid composition in HOSO.

Fatty Acid		(mol%)
C14:0 ^a	myristic acid	0.1
C16:0	palmitic acid	4.1
C16:1 Δ 9c ^b	palmitoleic acid	0.06
C18:0	stearic acid	3.3
C18:1 Δ 9c	oleic acid	85.0
C18:2 Δ 9c, 12c	linoleic acid	6.0
C20:0	arachidic acid	0.3
C20:1 Δ 9c	gadoleic acid	0.3
C22:0	behenic acid	0.9

^a C14:0 – number of carbon atoms : number of unsaturated double bonds.

^b 9c – *cis* isomer of fatty acid (double bond at 9th carbon atom).

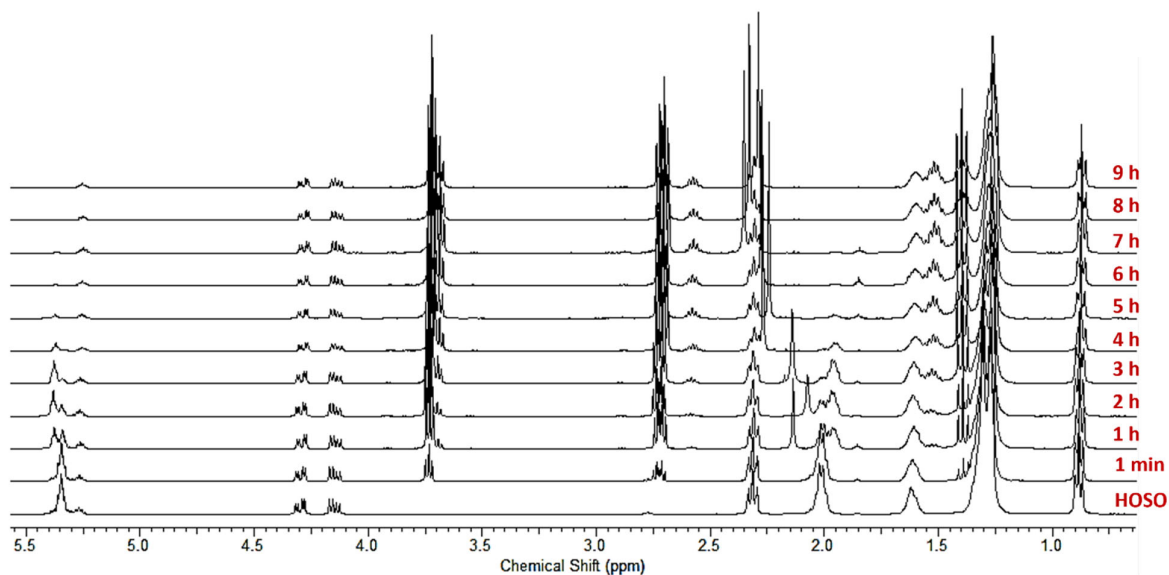


Figure S1. ¹H NMR spectra of thiol-ene coupling of HOSO.

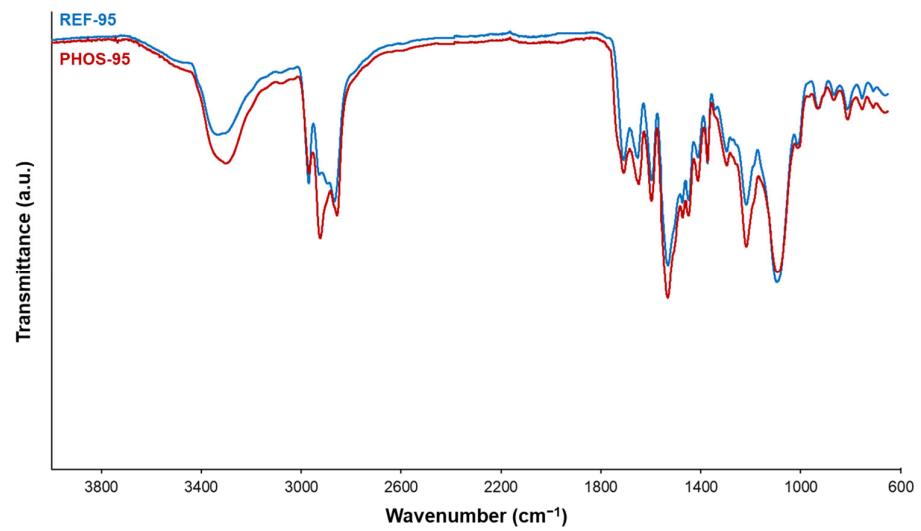


Figure S2. FT-IR spectra of reference foam (REF-95) and foam modified with PHOSO polyol (PHOS-95).