

Producing surfactant-synthesized nanomaterials in situ on a building substrate, without volatile organic compounds

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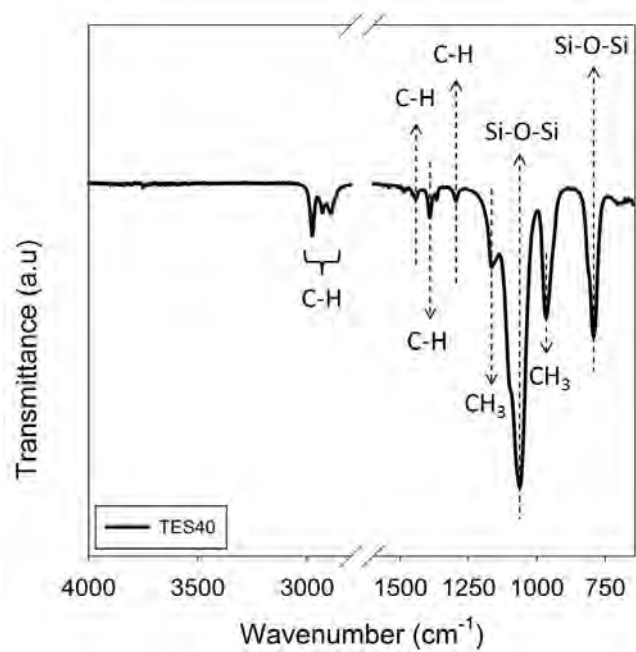


Figure 1. FTIR spectrum of the commercial product SILICATE TES 40 WN (TES40).

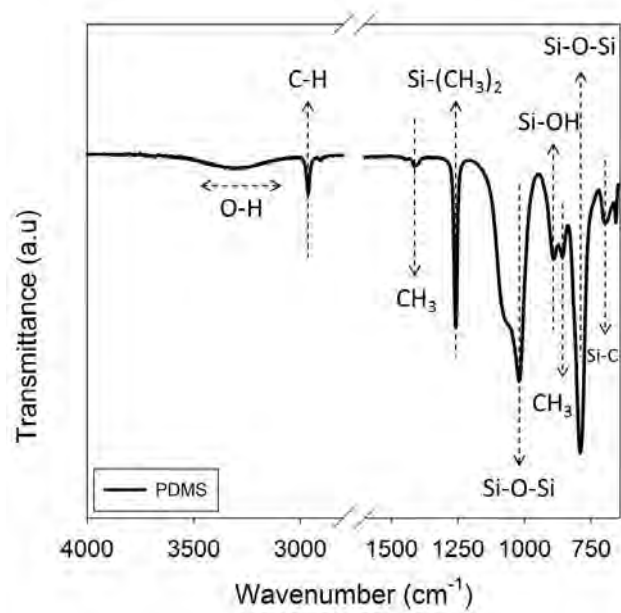


Figure 2. FTIR spectrum of hydroxyl-terminated polydimethylsiloxane (PDMS).

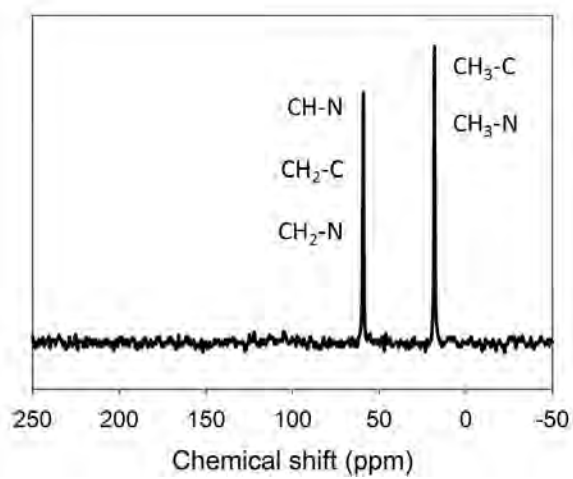


Figure 3. ^{13}C NMR spectrum of the UCA product with the highest n-octylamine content ($7.55 \cdot 10^{-3}$ moles referenced to 1 mol TES40).