Supporting information

Bulk Superhydrophobic Materials; a Facile and Efficient Approach to Access Superhydrophobicity by Silane and Urethane Chemistry

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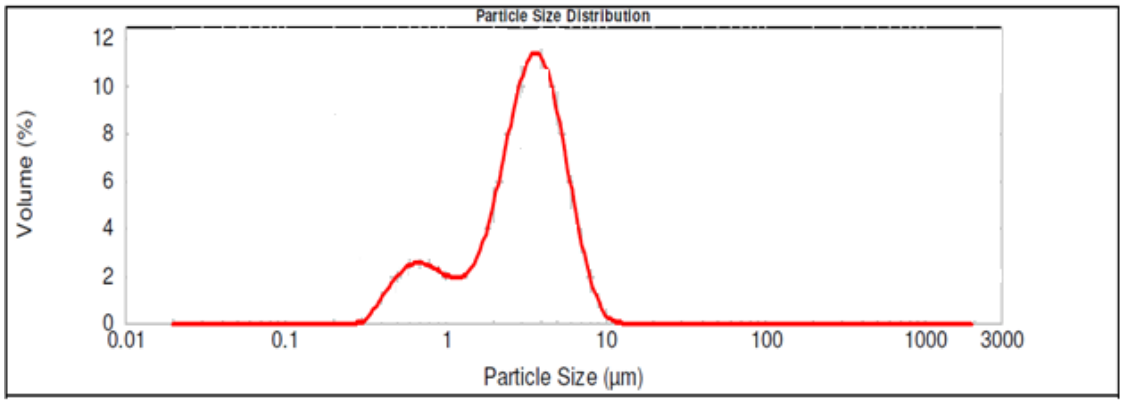
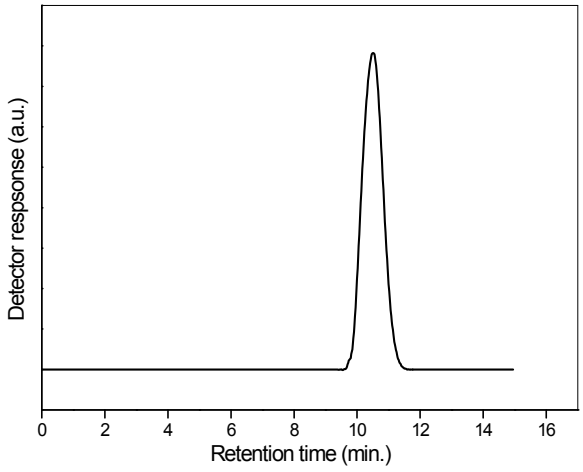
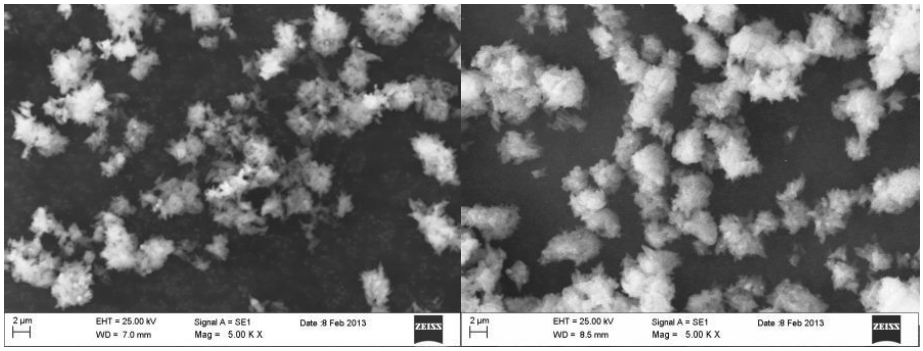


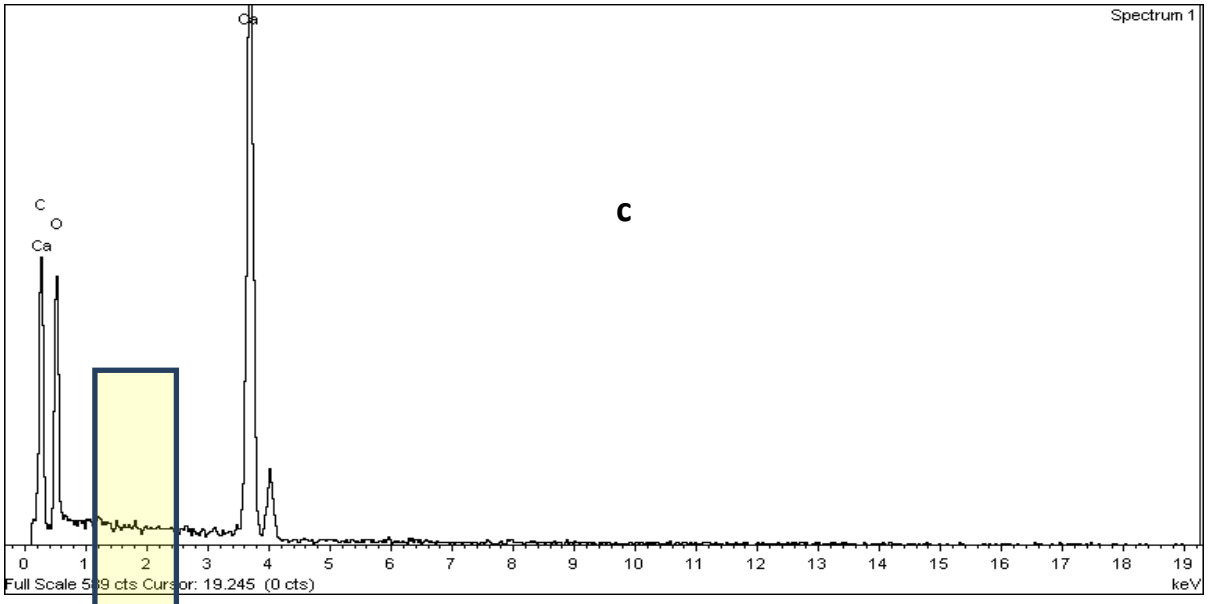
SI1 Particle size distribution of unfunctionalsied $CaCO_3$microparticles

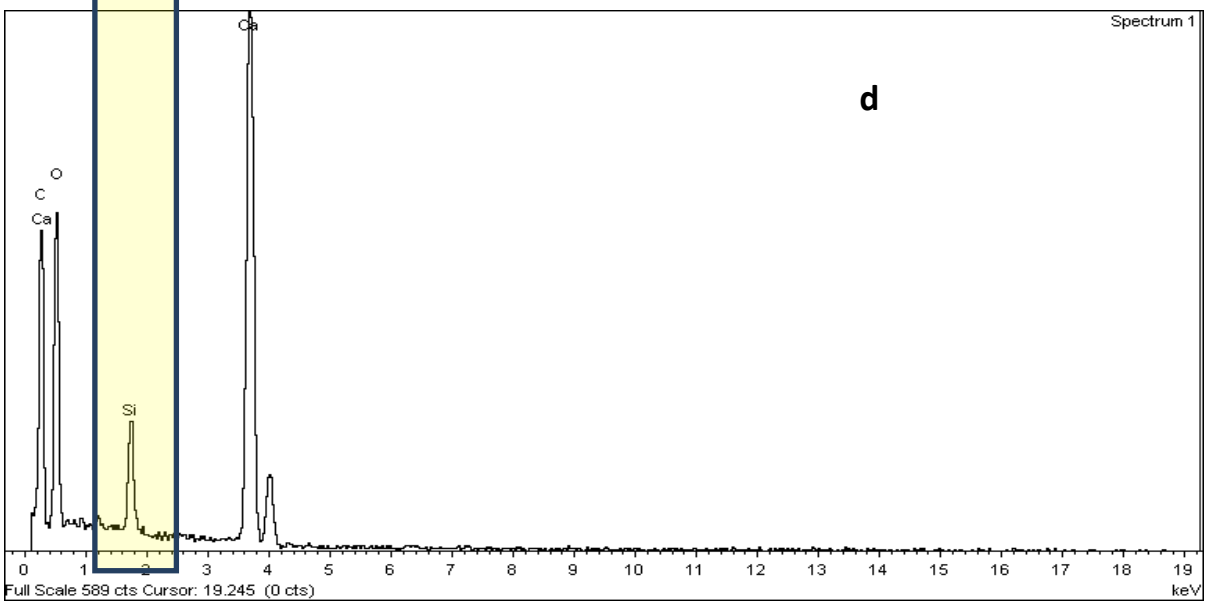


SI2 GPC profiles of siloxanepolymer units attached on to calcium carbonate surfaces

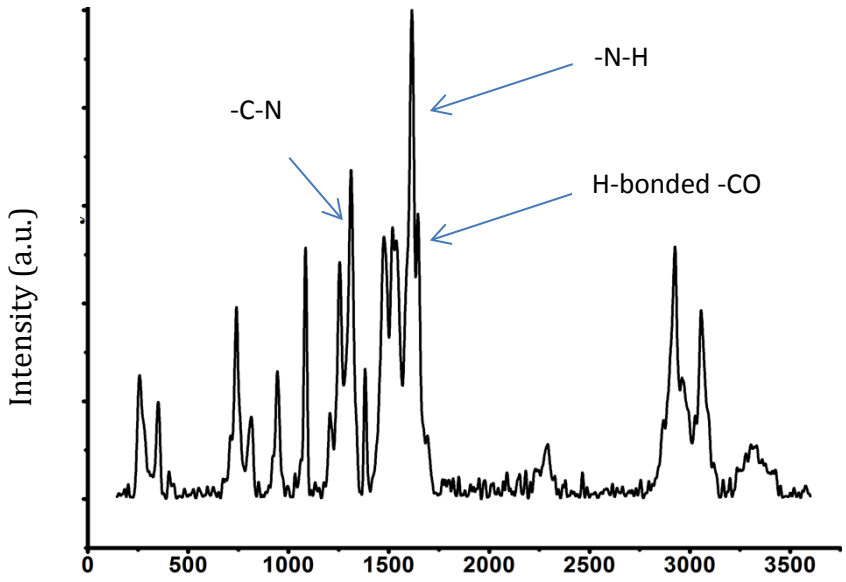


a) **b)**

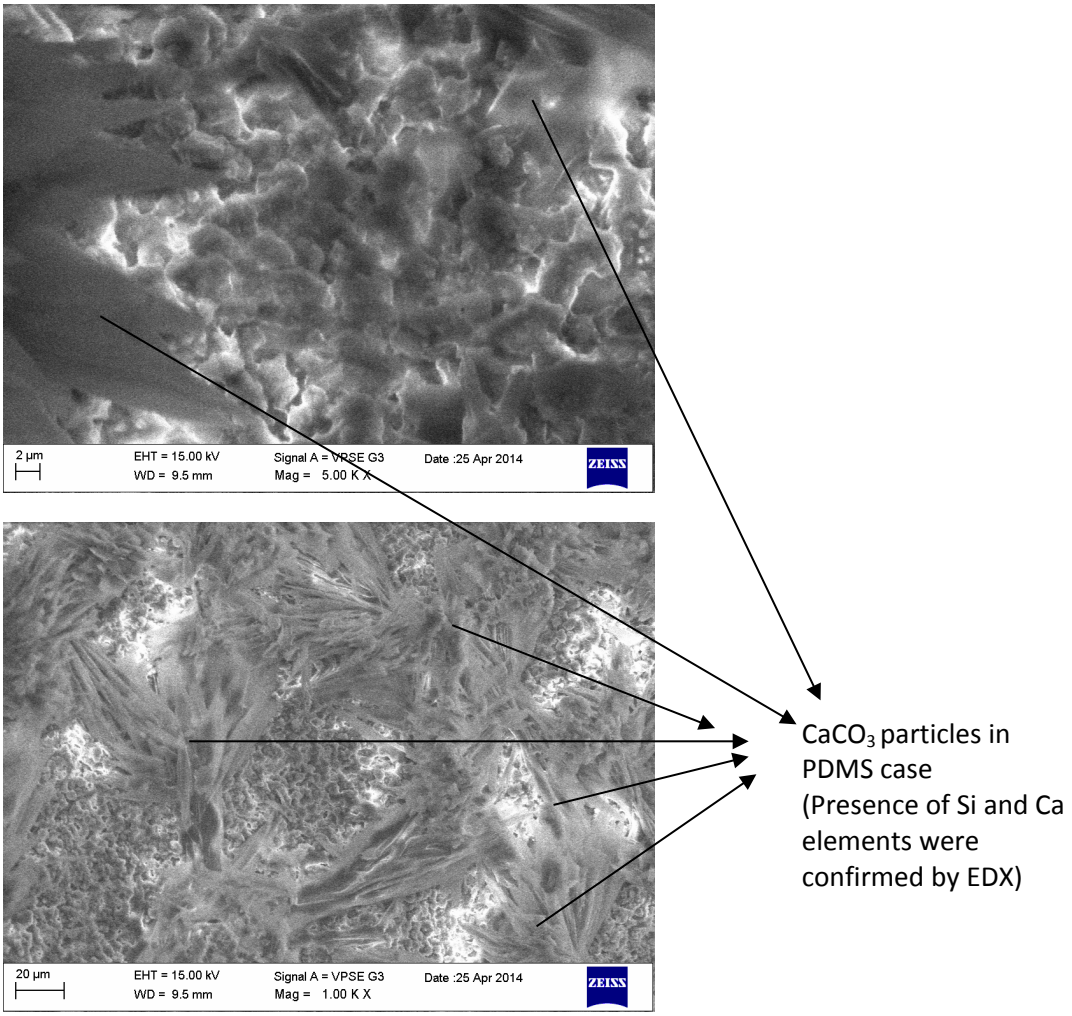




SI3 a & b) SEM images of bare and functionalised calcium carbonate microparticles respectively c) EDX spectrum of bare microparticle showing no peak for silicon atom d) functionalised microparticles indicates presence of silicon.



SI4 Raman spectrum of superhydrophobic coating.



SI5 SEM images of bottom surface of SH coating.