Organosilica nanoparticle-reinforced resin-based dental composites: synthesis, characterisation, and evaluation of physicochemical properties

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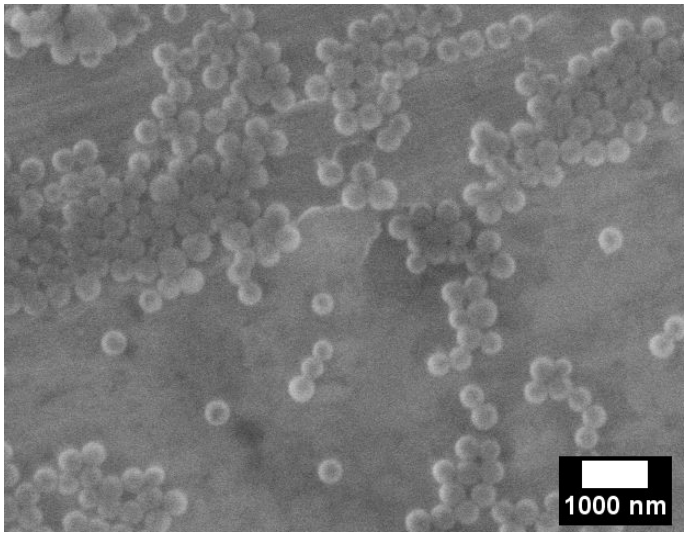

Figure S1 shows the SEM image of sSiO_2-MA, indicating a particle size of approximately 259.7 nm with a standard deviation of about 17 nm.

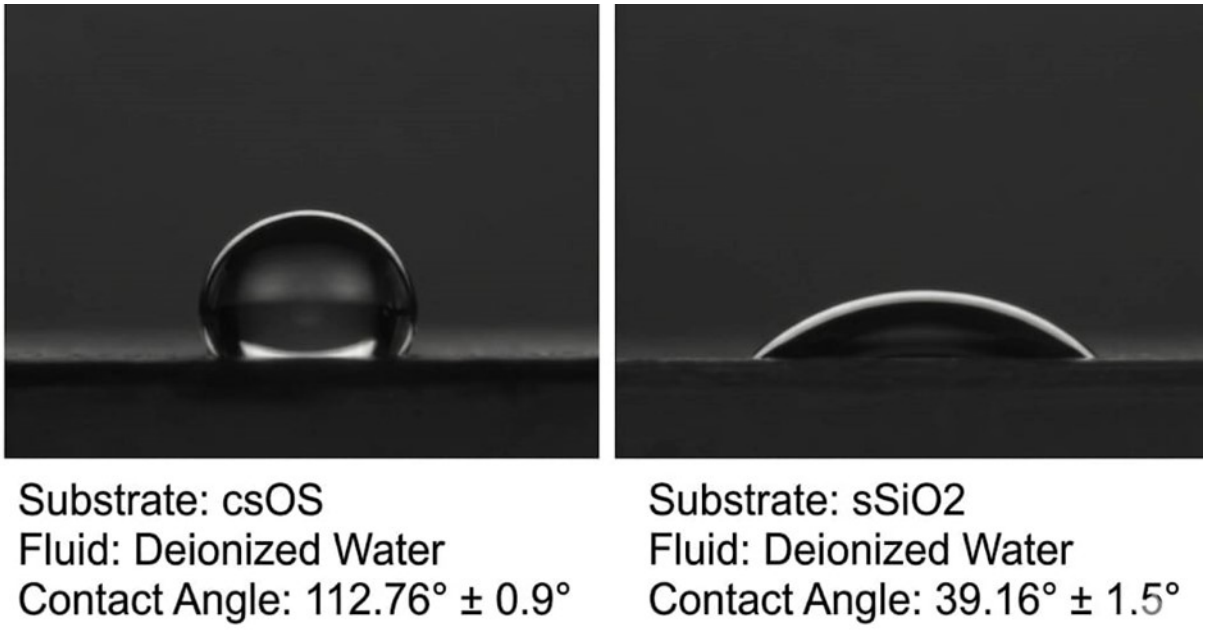

Figure S2 Shows the comparison of water contact angles on csOS and $sSiO_2$ substrates.

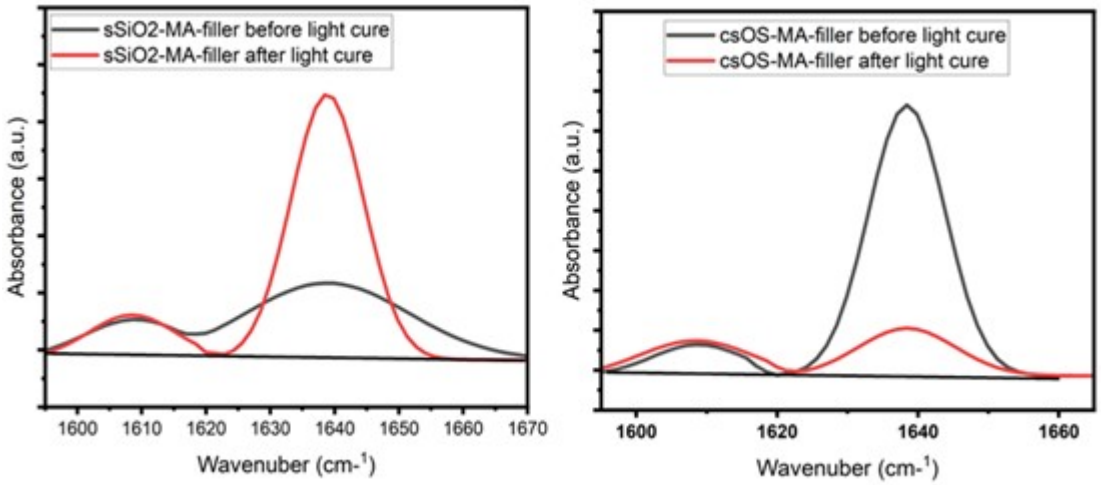

Figure S3 FTIR spectra showing the absorbance of aliphatic double bonds C=C at 1640cm^{-1} for $sSiO_2$-MA-filler and csOS-MA-filler before and after light curing.