Supporting Information

Amphiphilic graphene oxide stabilisation of hexagonal BN and MoS_2 sheets

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S1 Effect of acidic and basic pH

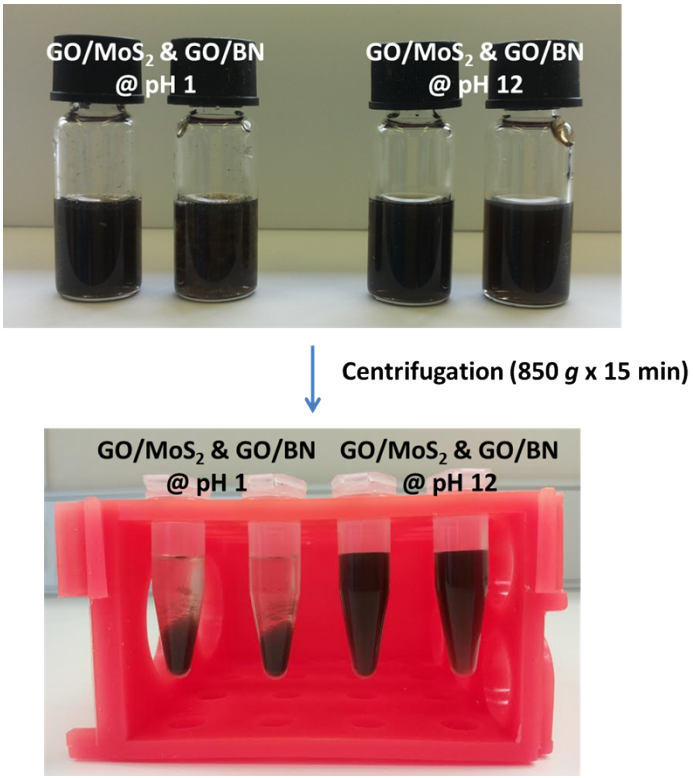

Figure S1. Photograph images of the resulting dispersions at pH 1 and pH 12 respectively, establishing the formation of stable dispersions at basic pH, as for the dispersions at neutral pH.

S2 TEM images of exfoliated BN and MoS_2 at pH 12.

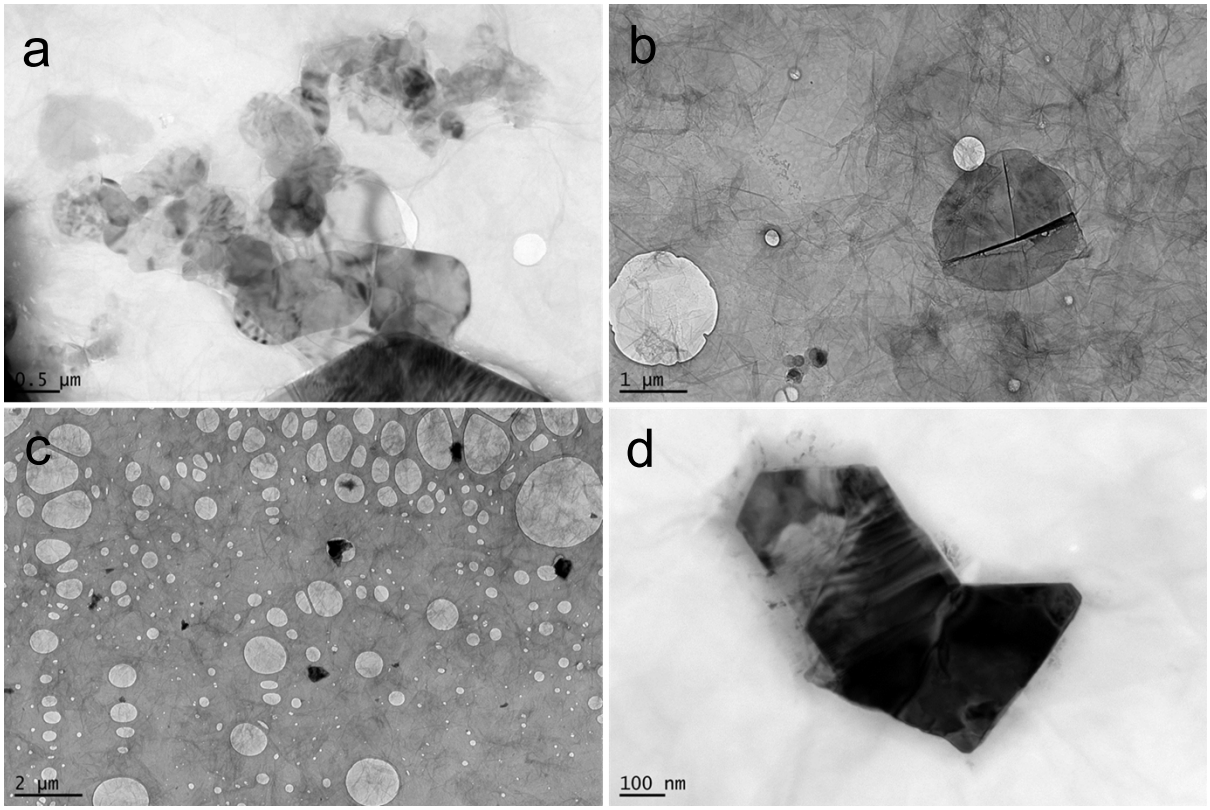

Figure S2. TEM images of the (a,b) GO/BN and (c,d) GO/MoS_2 obtained in basic conditions (pH 12).