## **Supplementary Information for**

## Resorcinarene amine stabilized nanodiamond dispersions in organic solvents: Applications in diamond film growth

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Resorcinarene

**Resorcinarene Cavitand** 

Fig. S1 Resorcinarene derivatives

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**Fig. S2** Microdiamant nanodiamond extraction with CTAB as surfactant: a) immediately and b) after 1 h.



**Fig. S3** Resorcinarene amine stabilized Microdiamant nanodiamond dispersions (~ 4 months old) in tetrahydrofuran (left) and toluene (right).