## **Supporting Information**

## Preparation of monolithic superparamagnetic nanoparticlepolymer composites using a polymerizable acetylacetonate and magnetite nanoparticles

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Scheme S1. Synthesis of Fe(stacac)<sub>3</sub>



Figure S1. Photograph of toroids made from MNP-composite material.



Figure S2. TEM image of MNPs made from Fe(stacac)<sub>3</sub>



Figure S3. TEM images of composite material made with styrene (a) and EGDMA (b).