## Supplementary information (ESI) for *Dalton Trans*. This journal is © the Royal Society of Chemistry 2008

## Synthesis and characterization of $\{Mo_{72}Fe_{30}\}$ -coated large hexagonal gibbsite $\gamma$ -Al(OH)<sub>3</sub> platelets

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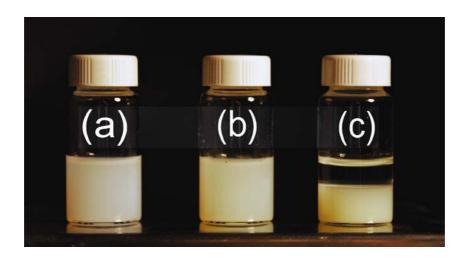


Fig. S1. Colour version of Fig. 2. (a) Starting (bluish) gibbsite dispersion; (b) changes colour (yellow) after the addition of crystals of  $\{Mo_{72}Fe_{30}\}$  to the dispersion and stirring; (c) finally leading to the composite  $\{Mo_{72}Fe_{30}\}$ @gibbsite as a (yellow) gel at the bottom.