

[Supporting information]

**Manipulation of Combustion Waves in Carbon-Nanotube/Fuel Composites
by Highly Reactive Mg Nanoparticles**

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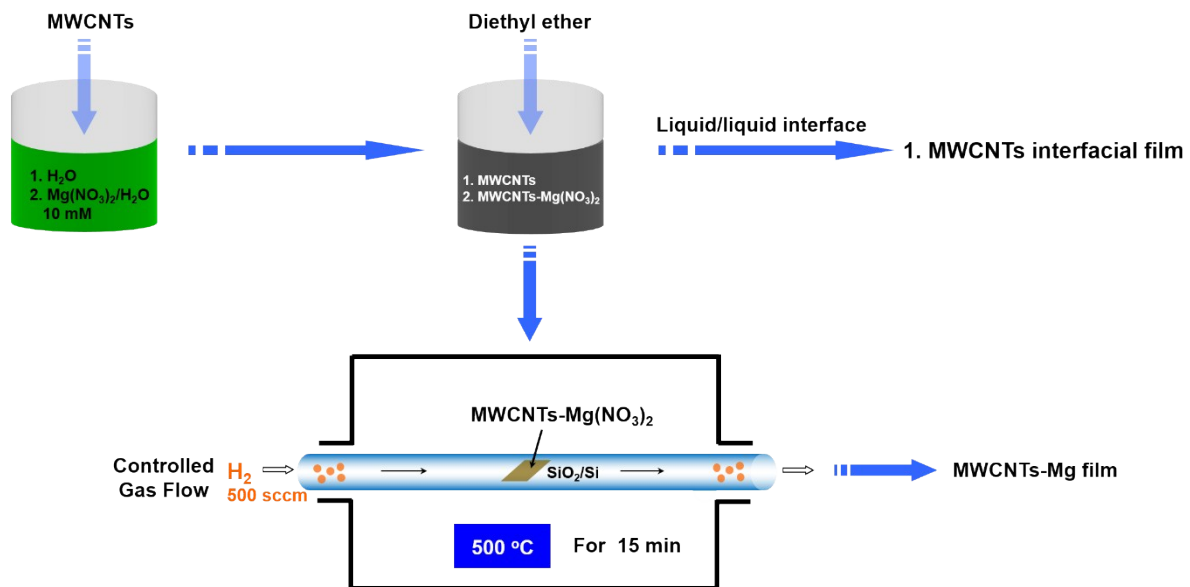


Figure S1. Preparation of MWCNTs and MWCNT-Mg films.

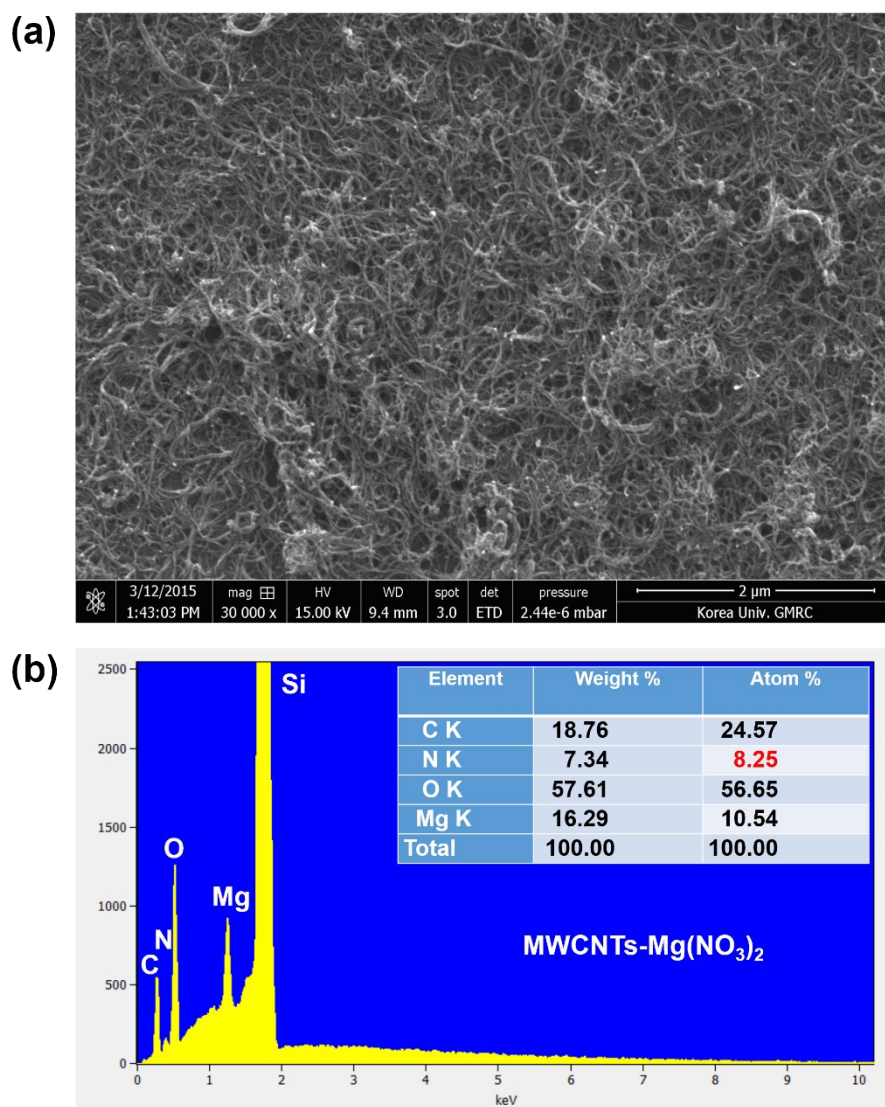


Figure S2. (a) SEM image of the MWCNTs-Mg(NO₃)₂ composite and (b) EDX spectrum of the same composite on an SiO₂/Si substrate.

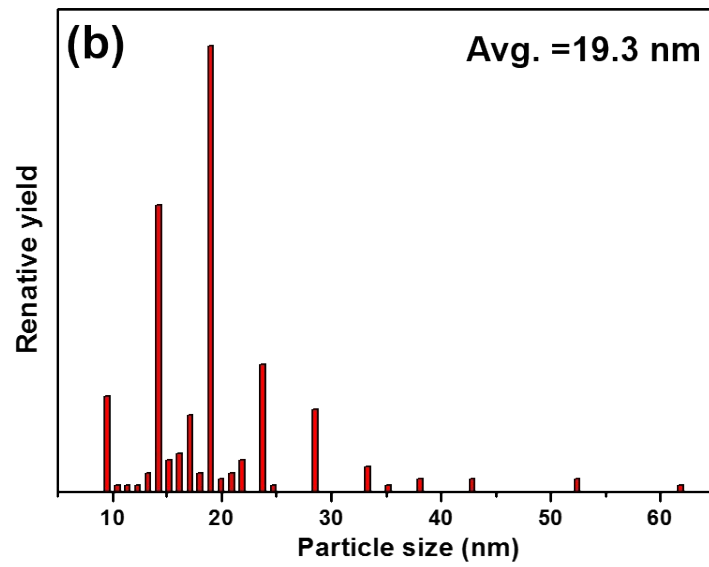
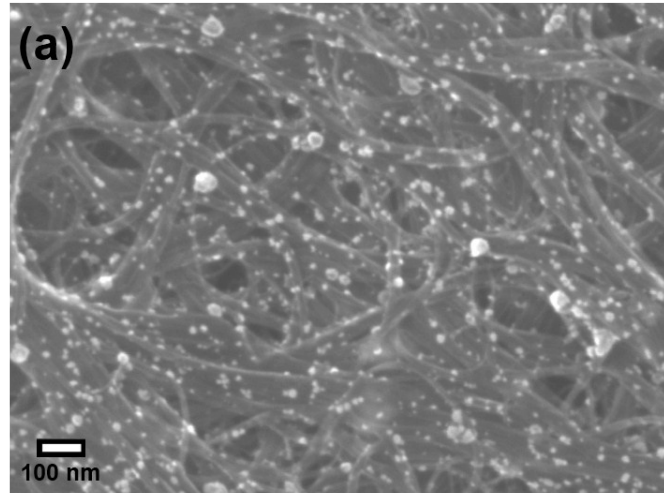


Figure S3. (a) High-resolution SEM images of Mg/MgO nanoparticles in MWCNTs and (b) size distribution of the Mg/MgO nanoparticles attached to the sidewalls of the MWCNTs.