## Synthesis and characterization of porous fibers/polyurethane

## foam composites for selective removal of oils and organic

## solvents from water

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Fig.S1. FT-IR spectra of Mg-Al porous fiber composites before (a) and after (b) KH

570 modification.



Fig. S2. Comparison of the swelling properties of PU foam composites for the absorption chloroform and soybean oils.



Fig. S3. The PU foam composites absorbs dyed soybean oils floating on the water (A-C) and dyed chloroform at the bottom of the water (E-F).



Fig. S4. Photographs of the removal of organic solvents in the laboratory.