Electronic Supporting Information

Highly flexible and active potassium-supported sepiolite paper catalysts for soot oxidation

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Fig. S1 SEM images of Sep-400 displaying 3D interconnected pores (a), plate-like mineral impurities of

talc (b).



Fig. S2 TG-DSC curves of the sepiolite paper matrix sintered at different temperatures.



Fig. S3 TG-DSC curves of sepiolite paper with and without active ingredients (K/Sep-400 and Sep-400).



Fig. S4 XPS spectra of Mg 1s (a) and O 1s (b).



Fig. S5 CO_2 -TPD of K/Sep-400 under water steam aging with different time: (b) is the enlarged image of

shadow region in (a).