## The enhancement of the cosmetic functions of trioctahedral magnesium-smectite materials

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Micro-mesoporous smectite-type materials containing magnesium cations in octahedral sheets were prepared from water glass and magnesium chloride by a hydrothermal treatment and calcination at 873 K without template materials. The pore structure (surface area, pore volume and pore diameter) can be controlled by the hydrothermal conditions (temperature, time and pH). The pore structure was also changed by additives. The mesopore size of smectite-type materials is enlarged by adding dialkyldimethyl ammonium chloride after the hydrothermal synthesis.