

## Phospholipids Vesicle Coating on Sericite Surface for Cosmetic Application

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This work showed the formation of phospholipids vesicles on sericite surface for the purpose of cosmetic application. The characterization was performed by combining electron microscopy of FE-SEM, TEM, and qualitatively evaluated the coated vesicles by XPS. The vesicle mobility on the surface was restrained with magnesium chelation effect involving the various concentration of the magnesium cation. The Mg cation plays an important role for attaching the phospholipids with optimum concentration of 7 mM. The coating thickness was controlled optimum conditions were found to have a much more pronounced influence on the lipid deposition process.