11. The hair care product according to any one of claims 1 to 10, wherein the liquid cosmetic composition further comprises (B-4) a silicone in an amount of 0.1 mass% to 5 mass%.

12. The hair care product according to any one of claims 1 to 11, wherein the substrate sheet (A) comprises the cellulosic fibers and thermoplastic resin fibers.

13. A method for treating hair using the hair care product according to any one of claims 1 to 12, comprising the steps of:

(i) being held in the packaging container having the access opening, picking up the sheet-like hair care product impregnated with the liquid cosmetic composition from the packaging container through the access opening,

(ii) spreading out the picked up sheet-like hair care product on the palmer side of a user's hand in such a manner that a part of the sheet-like hair care product hangs over the fingertips, and

(iii) moving the user's hand with the sheet-like hair care product thereon from the roots to the tips of hair strands to treat the hair strands.

14. The method for treating hair according to claim 13, wherein the step (iii) is carried out by applying the user's fingertips with the sheet-like hair care product thereon to the roots or between the roots and tips of hair strands so as to get bunches of the hair strands in between adjacent fingers and combing the hair strands by the fingers.

15. A method for cleaning scalp using the sheet-like hair care product according to any one of claims 1 to 12, including the steps of:

(i) being held in the packaging container having the access opening, picking up the sheet-like hair care product impregnated with the liquid cosmetic composition from the packaging container through the access opening,

(ii) spreading out the picked up sheet-like hair care product on the palmer side of a user's hand in such a manner that a part of the sheet-like hair care product hangs over the fingertips, and