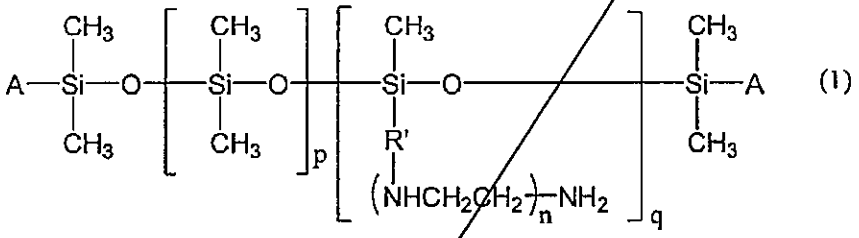
CLAIMS

1. A sheet-like hair care product comprising (A) a substrate sheet containing cellulosic fibers and having a bending resistance of 10 mm to 70 mm as measured by the 45° cantilever method in accordance with JIS L1096:2010 and (B) a liquid cosmetic composition, component (A) being impregnated with 1 g to 50 g of component (B) per sheet, component (B) comprising: (B-2-3-1) at least one member selected from polyoxyalkylene monoalkyl ethers and polyoxyalkylene monoalkenyl ethers; (B-2-3-2) at least one member selected from polyoxyalkylene castor oils and polyoxyalkylene hydrogenated castor oils; (B-3) water; (B-4-1) an organopolysiloxane represented by following general formula (1); and (B-7) a cooling agent or (B-8) a fragrance,

[Chem. 1]



(1)

wherein A represents -R, -R-$(NHCH_2CH_2)_nNH_2$-, -OR, or a hydroxyl group; R represents an optionally substituted monovalent hydrocarbon group having 1 to 20 carbon atoms; R' represents a divalent hydrocarbon group having 1 to 8 carbon atoms; n represents an integer of 0 to 3; p and q each represent a number that satisfies the relationship: $50 \leq (p+q+2) \leq 20{,}000$, wherein (p+q+2) is a number-average total number of silicon atoms; and the amino equivalent is 500 to 100,000 g/mol, and

the ratio of the sum of the content n_A (mass%) of ingredient (B-4-1) and the content n_B (mass%) of ingredient (B-7) or (B-8) to the sum of the content n_C (mass%) of ingredient (B-2-3-1) and the content n_D (mass%) of ingredient (B-2-3-2), $[n_A+n_B]/[n_C+n_D]$, being 0.01 or higher, and 1 or lower.

2. The sheet-like hair care product according to claim 1, wherein the ratio of the content n_C (mass%) of ingredient (B-2-3-1) to the content n_D (mass%) of ingredient (B-2-3-2), n_C/n_D, is 0.01 or greater, and 0.95 or smaller.

3. The sheet-like hair care product according to claim 1 or 2, wherein ingredient (B-7) in the liquid cosmetic composition is a cooling agent, and the content n_{B7} of the cooling agent is 0.01 mass% or more, and 0.5 mass% or less.

4. The sheet-like hair care product according to any one of claims 1 to 3, wherein the cooling agent is ℓ-menthol.

5. The sheet-like hair care product according to any one of claims 1 to 4, wherein ingredient (B-7) in the liquid cosmetic composition is a fragrance, and the content n_{B8} (mass%) of the fragrance is 0.0001 mass% or more, and 0.5 mass% or less.

6. The sheet-like hair care product according to any one of claims 1 to 5 further comprising (F) a mono- or polyhydric alcohol having 1 to 6 carbon atoms.

7. The sheet-like hair care product according to any one of claims 1 to 6, wherein the sheet substrate contains cellulosic fibers.

8. The sheet-like hair care product according to any one of claims 1 to 7, wherein the substrate sheet has a first side and a second side located opposite to the first side, and both the first side and the second side have a three-dimensional textured surface having raised portions and recessed portions.

9. The sheet-like hair care product according to any one of claims 1 to 8, wherein the locations of the raised portions on the first side are substantially coincident with those on the second side.

10. The sheet-like hair care product according to claim 8 or 9, wherein the substrate sheet has a higher basis weight in the raised portions than in the recessed portions.

11. The sheet-like hair care product according to any one of claims 1 to 10, wherein the substrate sheet has a bending resistance of 10 to 70 mm as measured by the

45° cantilever method in accordance with JIS L1096:2010, and a thickness of more than 0.3 mm and not more than 5 mm as measured in accordance with JIS L1096:2010 under a load of 0.3 kPa.

12. A method for treating hair using the sheet-like hair care product according to any one of claims 1 to 11, comprising the steps of:

(i) spreading out the 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

(ii) 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.

13. The method for treating hair according to claim 12, wherein the step (ii) 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.

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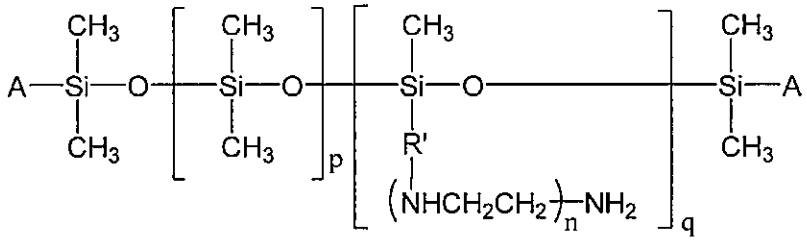

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the ratio of the sum of the content n_A (mass%) of ingredient (B-4-1) and the content n_B (mass%) of ingredient (B-7) or (B-8) to the sum of the content n_C (mass%) of ingredient (B-2-3-1) and the content n_D (mass%) of ingredient (B-2-3-2), $[n_A+n_B]/[n_C+n_D]$, being 0.01 or higher, and 1 or lower.

2. The sheet-like hair care product according to claim 1, wherein the ratio of the content n_C (mass%) of ingredient (B-2-3-1) to the content n_D (mass%) of ingredient (B-2-3-2), n_C/n_D, is 0.01 or greater, and 0.95 or smaller.

3. The sheet-like hair care product according to claim 1 or 2, wherein ingredient (B-7) in the liquid cosmetic composition is a cooling agent, and the content n_{B7} of the cooling agent is 0.01 mass% or more, and 0.5 mass% or less.

4. The sheet-like hair care product according to any one of claims 1 to 3, wherein the cooling agent is ℓ-menthol.

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45° cantilever method in accordance with JIS L1096:2010, and a thickness of more than 0.3 mm and not more than 5 mm as measured in accordance with JIS L1096:2010 under a load of 0.3 kPa.

12. A method for treating hair using the sheet-like hair care product according to any one of claims 1 to 11, comprising the steps of:

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(ii) 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.

13. The method for treating hair according to claim 12, wherein the step (ii) 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.