CLAIMS

1. A hair cosmetic comprising the following components (A), (B), and (C):

(A) an aminopolyether-modified silicone containing a polyoxyalkylene structure and satisfying the following formula (I):

$$0.01 \leq Si/AO \leq 1.6 \quad (I)$$

wherein Si represents a molar number of a silicon atom in the component (A), and AO represents an oxyalkylene average addition molar number in the component (A);

(B) an aminopolyether-modified silicone containing a polyoxyalkylene structure and satisfying the following formula (II):

$$1.6 < Si/AO \leq 3.0 \quad (II)$$

wherein Si represents a molar number of a silicon atom in the component (B), and AO represents an oxyalkylene average addition molar number in the component (B); and

(C) a cationic surfactant.

2. A hair cosmetic, which is prepared by blending the following components (A), (B), and (C):

(A) an aminopolyether-modified silicone containing a polyoxyalkylene structure and satisfying the following formula (I):

$$0.01 \leq Si/AO \leq 1.6 \quad (I)$$

wherein Si represents a molar number of a silicon atom in the component (A), and AO represents an oxyalkylene average addition molar number in the component (A);

(B) an aminopolyether-modified silicone containing a polyoxyalkylene structure and satisfying the following formula (II):

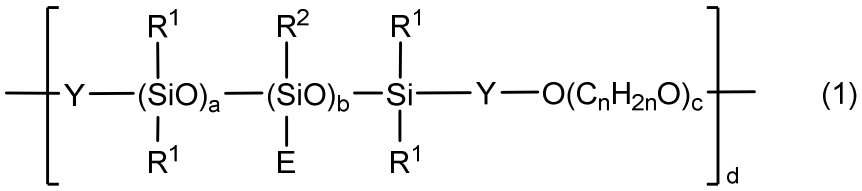
$$1.6 < Si/AO \leq 3.0 \quad (II)$$

wherein Si represents a molar number of a silicon atom in the component (B), and AO represents an oxyalkylene average addition molar number in the component (B); and

(C) a cationic surfactant.

3. The hair cosmetic according to claim 1 or 2, wherein an absolute value of a difference between the value of Si/AO of the component (A) and the value of Si/AO of the component (B) is 0.2 or more.

4. The hair cosmetic according to any one of claims 1 to 3, wherein each of the component (A) and the component (B) has a repeating unit represented by the following general formula (1):



(1)

wherein,

R^1 represents a hydrogen atom or a monovalent hydrocarbon group having 1 or more and 6 or less carbon atoms; R^2 represents either R^1 or E; E represents a monovalent group represented by $-R^3-Z$ (wherein R^3 represents a single bond or a divalent hydrocarbon group having 1 or more and 20 or less carbon atoms; and Z represents a primary to tertiary amino group-containing group); Y represents an alkylene group having 1 or more and 6 or less carbon atoms; a represents a number of 2 or more; b represents a number of 1 or more; c represents a number of 4 or more and 100 or less; d represents a number of 1 or more; n represents a number of 2 or more and 10 or less; the bonding order among the structural units within the bracket does not matter, and the bonding form may be a block form or a random form; the $(C_nH_{2n}O)$'s in the number of c may be the same as or different from each other; and plural R^1's, R^2's, and E's may be the same as or different from each other, respectively.

5. The hair cosmetic according to any one of claims 1 to 4, wherein the component (C) is at least one selected from the group consisting of an alkyltrimethylammonium salt, an alkoxyalkyltrimethylammonium salt, a dialkyldimethylammonium salt, an alkyldimethylamine and its salt, an alkoxyalkyldimethylamine and its salt, and an alkylamidoalkyldimethylamine and its salt.

6. The hair cosmetic according to any one of claims 1 to 5, wherein the content or blending amount of the component (A) is 0.0001% by mass or more and 5.0% by mass or less.

7. The hair cosmetic according to any one of claims 1 to 6, wherein the content or blending amount of the component (B) is 0.01% by mass or more and 5.0% by mass or less.

8. The hair cosmetic according to any one of claims 1 to 7, wherein the content or blending amount of the component (C) is 0.3% by mass or more and 20% by mass or less.

9. The hair cosmetic according to any one of claims 1 to 8, which is a hair rinse,

a hair conditioning agent, or a hair treatment agent.

10. A hair cosmetic comprising or prepared by blending the following components (A), (B), and (C):

(A) an aminopolyether-modified silicone containing a polyoxyalkylene structure having a repeating unit represented by the following general formula (2) and satisfying the following formula (I):

$0.5 \leq Si/AO \leq 1.2$ (I)

[in the formula (I), Si represents a molar number of a silicon atom in the component (A), and AO represents an oxyalkylene average addition molar number in the component (A)];

(B) an aminopolyether-modified silicone containing a polyoxyalkylene structure having a repeating unit represented by the following general formula (2) and satisfying the following formula (II):

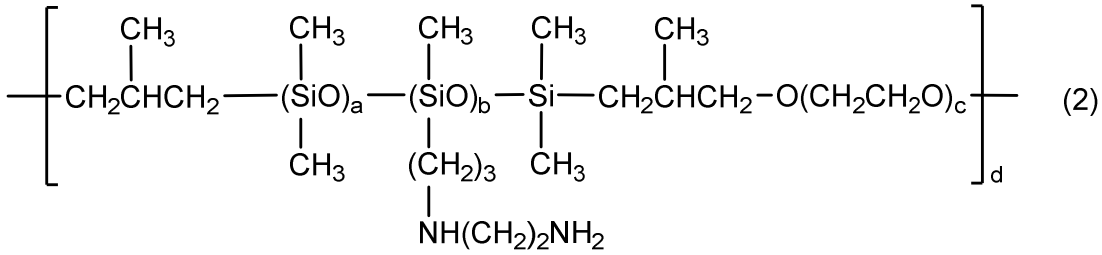
$2.0 \leq Si/AO \leq 2.8$ (II)

[in the formula (II), Si represents a molar number of a silicon atom in the component (B), and AO represents an oxyalkylene average addition molar number in the component (B)]; and

(C) a cationic surfactant, wherein

a kinematic viscosity at 25°C of the component (A) is 500 to 1,500 mm^2/s, and

a kinematic viscosity at 25°C of the component (B) is 3,000 to 100,000 mm^2/s.



(2)

In the formula (2), a represents a number of 2 or more and 100 or less; b represents a number of 1 or more and 50 or less; c represents a number of 10 or more and 18 or less; and d represents a number of 1 or more and 100 or less. The bonding order among the structural units within the bracket does not matter, and the bonding form may be a block form or a random form.

11. The hair cosmetic according to claim 10, wherein an absolute value of a difference between the value of Si/AO of the component (A) and the value of Si/AO of the component (B) is 1.0 to 2.0.

12. The hair cosmetic according to claim 10 or 11, wherein the Si/AO in the formula (I) is 0.7 or more and 0.9 or less.

13. The hair cosmetic according to any one of claims 10 to 12, wherein the Si/AO in the formula (II) is 2.2 or more and 2.6 or less.

14. The hair cosmetic according to any one of claims 10 to 13, wherein the kinematic viscosity at 25°C of the component (A) is 700 to 1,400 mm^2/s.

15. The hair cosmetic according to any one of claims 10 to 14, wherein the kinematic viscosity at 25°C of the component (B) is 5,000 to 50,000 mm^2/s.

16. The hair cosmetic according to any one of claims 10 to 15, wherein

a mass ratio [(A)/(B)] of the component (A) to the component (B) is 0.05 to 5;

a mass ratio [(B)/(C)] of the component (B) to the component (C) is 0.05 to 0.5; and

the content or blending amount of the component (A) is 0.005 to 0.2% by mass.

17. The hair cosmetic according to clam 16, wherein the content or blending amount of the component (B) is 0.1 to 0.3% by mass.

18. The hair cosmetic according to claim 16 or 17, wherein the content or blending amount of the component (C) is 0.8 to 5.0% by mass.

19. A method for preventing entanglement of hair, the method comprising a step of coating the hair cosmetic according to any one of claims 10 to 19 onto hair.

20. A method for preventing entanglement of hair, the method comprising a step of immersing the hair after washing in the hair cosmetic according to any one of claims 10 to 19 or its aqueous solution.