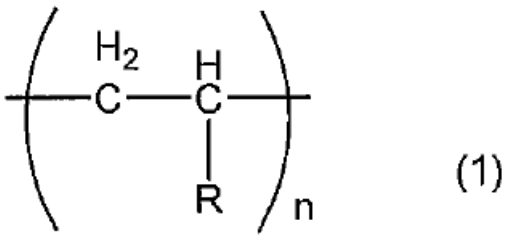
Claims

1. A hydrogel composition for skin comprising components (A) to (D) below:
(A) water in an amount of 75 mass% or more and 95 mass% or less;
(B) an anionic water-soluble polymer compound comprising 80 mass% or more of carboxymethylcellulose or a salt thereof;
(C) a crosslinking agent that forms ionic crosslinking with an anionic functional group in an amount of from 0.01 to 2 mass%; and
(D) one or more nonionic water-soluble polymer compounds, in an amount of 2.5 mass% or more and 7 mass% or less, represented by formula (1) below:



(1)

where R denotes -OH, -NX2 (where X denotes -CH3 or a hydrogen atom), -OCH3,-NHCOCH3, or -NCH3COCH3, and n is a numerical value of from 200 to 500,000, or wherein component D is selected from the group consisting of polyvinyl alcohol, polyvinylmethylether, polyvinylpyrrolidone, and polyacrylamide, wherein a mass ratio of the component (B) to component (C), (B)/(C), is 3 or more and 33.3 or less.

2. The hydrogel composition for skin according to claim 1, wherein the component (C) is one or more selected from the group consisting of
a) a polyvalent metal compound; and
b) a cationic compound having
at least two monovalent non-metallic cation elements in one molecule and/or
at least two amino groups in one molecule.

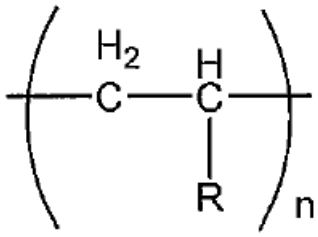
3. The hydrogel composition for skin according to claim 1 or 2, wherein a content of water-soluble polymer compounds other than the component (B) and the component (D) is 1 mass% or less.

4. The hydrogel composition for skin according to any one of claims 1 to 3, wherein a mass ratio of the component (B)to the component (D),((B)/(D)), is 0.4 or more and 1.7 or less.

5. The hydrogel composition for skin according to any one of claims 1 to 4, wherein a content of the component (B) is 2.2 mass% or more and 6 mass% or less.

6. The hydrogel composition for skin according to any one of claims 1 to 5, wherein the hydrogel composition is a sheet and has a thickness of 0.1 mm or more and 4 mm or less.

7. A method for producing a hydrogel composition for skin, comprising:
mixing components (A) to (D) below to prepare an uncrosslinked gel stock solution:
(A) water in an amount of 75 mass% or more and 95 mass% or less;
(B) an anionic water-soluble polymer compound comprising 80 mass% or more of carboxymethylcellulose or a salt thereof;
(C) a crosslinking agent that forms ionic crosslinking with an anionic functional group in an amount of from 0.01 to 2 mass%; and
(D) one or more nonionic water-soluble polymer compounds, in an amount of 2.5 mass% or more and 7 mass% or less, represented by formula (1) below:



(1)

where R denotes -OH, -NX2 (where X denotes -CH3 or a hydrogen atom), -OCH3,-NHCOCH3, or -NCH3COCH3, and n is a numerical value of from 200 to 500,000, or wherein component D is selected from the group consisting of polyvinyl alcohol, polyvinylpyrrolidone, and polyacrylamide, wherein a mass ratio of the component (B) to component (C), (B)/(C), is 3 or more and 33.3 or less; and

subsequently forming the uncrosslinked gel stock solution into a sheet with a peelable film for one surface of the sheet and a peelable film or a base material layer for the other surface.