(B) a phosphorylcholine group-containing methacrylic monomer represented by the following formula (2);

(C) a trimethylsiloxysilyl group-containing silicone monomer having at least one or more hydroxy groups in a molecule;

(D) a monovinyl ether monomer having at least one or more hydroxy groups in a molecule;

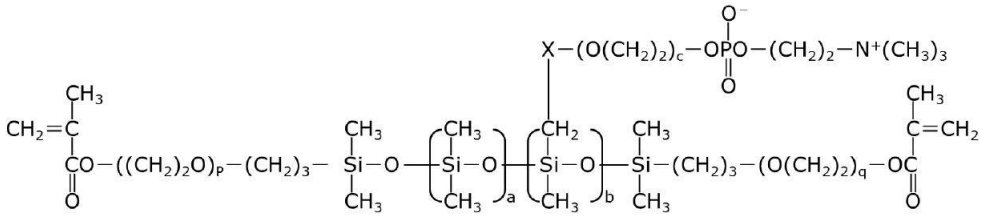
(E) one or more kinds of hydroxy group-containing monomers selected from: hydroxyethyl (meth)acrylate; hydroxypropyl (meth)acrylate; hydroxybutyl (meth)acrylate; and hydroxyethylacrylamide;

(F) a crosslinker; and

(G) a monomer other than the components (A) to (F), wherein (G) is selected from any one of methyl (meth)acrylate, (meth)acrylic acid, 2-methacryloyloxyethyl succinate, ethyl (meth)acrylate, butyl (meth)acrylate, methoxypolyethylene glycol methacrylate, N-vinylpyrrolidone, N,N-dimethylacrylamide, N-vinyl-N-methylacetamide, and N-methylacetamide,

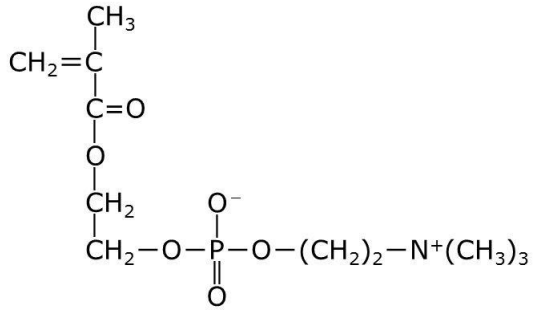
wherein, with respect to 100 mass% in total of all monomer components in the composition, a content ratio of the component (A) is from 10 mass% to 50 mass%, a content ratio of the component (B) is from 5 mass% to 20 mass%, a content ratio of the component (C) is from 5 mass% to 40 mass%, a content ratio of the component (D) is from 5 mass% to 40 mass%, a content ratio of the component (E) is from 5 mass% to 30 mass%, a content ratio of the component (F) is from 0.1 mass% to 15 mass%, and a content ratio of the

component (G) is from 0 mass% to 50 mass%:



(1)

in the formula (1), "a" represents an integer of from 20 to 500, "b" represents an integer of from 1 to 70, "c" represents 0 or 1, "p" and "q" each represent 0 or 1, and X represents $-CH_2-$ or $-CH_2CH_2-$



(2)

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[0015] According to another example of the present disclosure, there is provided a polymer for contact lenses, including a polymer of the monomer composition for contact lenses.

[0015a] In another aspect, there is provided a polymer for contact lenses, comprising a polymer of the monomer composition for contact lenses as defined above.

[0016] According to still another example of the present disclosure, there are provided a contact lens, including a hydrate

Claims

[Claim 1] A monomer composition for contact lenses, comprising the following components:

(A) a phosphorylcholine group-containing polysiloxane monomer represented by the following formula (1);

(B) a phosphorylcholine group-containing methacrylic monomer represented by the following formula (2);

(C) a trimethylsiloxysilyl group-containing silicone monomer having at least one or more hydroxy groups in a molecule;

(D) a monovinyl ether monomer having at least one or more hydroxy groups in a molecule;

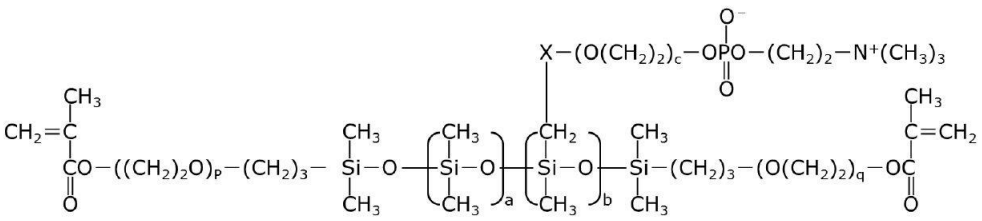
(E) one or more kinds of hydroxy group-containing monomers selected from: hydroxyethyl (meth)acrylate; hydroxypropyl (meth)acrylate; hydroxybutyl (meth)acrylate; and hydroxyethylacrylamide;

(F) a crosslinker; and

(G) a monomer other than the components (A) to (F), wherein (G) is selected from any one of methyl (meth)acrylate, (meth)acrylic acid, 2-methacryloyloxyethyl succinate, ethyl (meth)acrylate, butyl (meth)acrylate, methoxypolyethylene glycol methacrylate, N-vinylpyrrolidone, N,N-dimethylacrylamide, N-vinyl-N-methylacetamide, and N-methylacetamide,

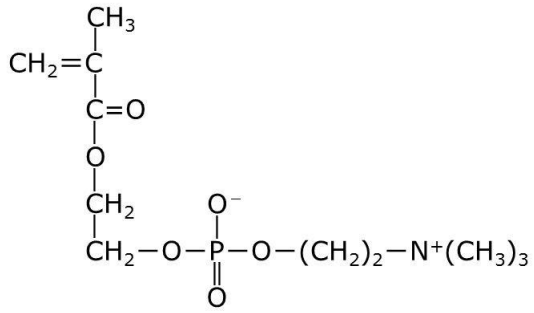
wherein, with respect to 100 mass% in total of all monomer components in the composition, a content ratio of the component (A) is from 10 mass% to 50 mass%, a content ratio of the component

(B) is from 5 mass% to 20 mass%, a content ratio of the component (C) is from 5 mass% to 40 mass%, a content ratio of the component (D) is from 5 mass% to 40 mass%, a content ratio of the component (E) is from 5 mass% to 30 mass%, a content ratio of the component (F) is from 0.1 mass% to 15 mass%, and a content ratio of the component (G) is from 0 mass% to 50 mass%:



(1)

in the formula (1), "a" represents an integer of from 20 to 500, "b" represents an integer of from 1 to 70, "c" represents 0 or 1, "p" and "q" each represent 0 or 1, and X represents $-CH_2-$ or $-CH_2CH_2-$.



(2)

[Claim 2] The monomer composition for contact lenses according to claim 1, further comprising a component (H) a solvent having a hydroxy group, wherein a content ratio of the component (H) is 30 parts by mass or less with respect to 100 parts by mass in total of all monomer components in the composition.

[Claim 3] A polymer for contact lenses, comprising a polymer of the monomer composition for contact lenses of claim 1 or 2.

[Claim 4] A contact lens, comprising a hydrate of the polymer for contact lenses of claim 3.

[Claim 5] A method of producing a contact lens, comprising the steps of:

mixing the polymer for contact lenses of claim 3 with one or more kinds of solvents selected from: water; methanol; ethanol; 1-propanol; and 2-propanol to wash the polymer; and

immersing the polymer in saline to hydrate the polymer.