CLAIMS

1. A composition, comprising:

a compound (A), having an Si-O bond and a cationic functional group that includes at least one selected from the group consisting of a primary nitrogen atom and a secondary nitrogen atom, wherein compound (A) comprises one silicon atom and one nitrogen atom;

a compound (B), having at least three -C(=O)OX groups, wherein X is a hydrogen atom or an alkyl group with a carbon number of from 1 to 6, and from one to six of the -C(=O)OX groups is a -C(=O)OH group, wherein compound (B) comprises one or two benzene rings to which the at least three -C(=O)OX groups are bonded; and

a compound (C), having a cyclic structure and at least one primary nitrogen atom that is directly bonded to the cyclic structure, wherein compound (C) comprises a diamino compound having a biphenyl structure including the cyclic structure,

the composition having a percentage of the primary nitrogen atom and the secondary nitrogen atom in the compound (A), with respect to a total amount of the primary nitrogen atom and the secondary nitrogen atom in the compound (A) and the primary nitrogen atom in the compound (C), of from 10 mol% to 95 mol%, and

wherein the cationic functional group may be positively charged.

2. The composition according to claim 1, wherein the compound (C) has two or more primary nitrogen atoms that are directly bonded to the cyclic structure.

3. The composition according to claim 1 or 2, wherein the compound (C) has a weight average molecular weight of from 80 to 600.

4. The composition according to any one of claims 1 to 3, wherein the compound (A) has two alkyl groups that are bonded to an oxygen atom in the Si-O bond.

5. The composition according to any one of claims 1 to 4, wherein the compound (B) has a weight average molecular weight of from 200 to 600.

6. The composition according to any one of claims 1 to 5, further comprising a polar solvent.

7. The composition according to any one of claims 1 to 6, which is used for producing a semiconductor device.

8. The composition according to any one of claims 1 to 7, which is used for forming a layer on a substrate or between substrates.

9. A multilayer body comprising a substrate and a layer, the layer comprising a reaction product of:

a compound (A), having an Si-O bond and a cationic functional group that includes at least one selected from the group consisting of a primary nitrogen atom and a secondary nitrogen atom, wherein compound (A) comprises one silicon atom and one nitrogen atom;

a compound (B), having at least three -C(=O)OX groups, wherein X is a hydrogen atom or an alkyl group with a carbon number of from 1 to 6, and from one to six of the -C(=O)OX groups is a -C(=O)OH group, wherein compound (B) comprises one or two benzene rings to which the at least three -C(=O)OX groups are bonded; and

a compound (C), having a cyclic structure and at least one primary nitrogen atom that is directly bonded to the cyclic structure, wherein compound (C) comprises a diamino compound having a biphenyl structure including the cyclic structure,

the layer having a percentage of the primary nitrogen atom and the secondary nitrogen atom in the compound (A), with respect to a total amount of the primary nitrogen atom and the secondary nitrogen atom in the compound (A) and the primary nitrogen atom in the compound (C), of from 10 mol% to 95 mol%, and

wherein the cationic functional group may be positively charged.

10. The multilayer body according to claim 9, wherein the substrate comprises a first substrate and a second substrate, and the first substrate, the layer comprising the reaction product, and the second substrate are disposed in this order.

11. A method for producing a multilayer body, the method comprising forming a layer on a substrate or between substrates and curing the layer, the layer comprising:

a compound (A), having an Si-O bond and a cationic functional group that includes at least one selected from the group consisting of a primary nitrogen atom and a secondary nitrogen atom, wherein compound (A) comprises one silicon atom and one nitrogen atom;

a compound (B), having at least three -C(=O)OX groups, wherein X is a hydrogen atom or an alkyl group with a carbon number of from 1 to 6, and from one to six of the -C(=O)OX groups is a -C(=O)OH group, wherein compound (B) comprises one or two benzene rings to which the at least three -C(=O)OX groups are bonded; and

a compound (C), having a cyclic structure and at least one primary nitrogen atom that is

directly bonded to the cyclic structure, wherein compound (C) comprises a diamino compound having a biphenyl structure including the cyclic structure,

the layer having a percentage of the primary nitrogen atom and the secondary nitrogen atom in the compound (A), with respect to a total amount of the primary nitrogen atom and the secondary nitrogen atom in the compound (A) and the primary nitrogen atom in the compound (C), of from 10 mol% to 95 mol%, and

wherein the cationic functional group may be positively charged.