CLAIMS

1. A composition comprising:

a hydrolytic condensate of silicon alkoxide (A);

0.5 to 12 parts by mass of an organo silica sol dispersed in a hydrophilic solvent (B) with respect to 1 part by mass of (A);

0.005 to 0.3 parts by mass of an acrylic polymer having a hydrophilic group and a hydrophobic group (C) with respect to 1 part by mass of (A); and

at least one substance selected from a group consisting of 30 to 60 parts by mass of odor-reducing substance (m), 35 to 75 parts by mass of antiviral substance (n), and 3 to 50 parts by mass anti-allergen substance (o), with respect to 100 parts by mass in solid content of the composition.

2. The composition according to claim 1,

wherein the composition includes the odor-reducing substance (m), and

wherein the odor-reducing substance (m) includes an odor-reducing substance of chemical adsorption type.

3. The composition according to claim 2, wherein the odor-reducing substance of the chemical adsorption type includes at least one selected from a group consisting of zinc oxide, silica, zeolite, copper oxide, and zirconium oxide.

4. The composition according to any one of claims 2 to 3,

wherein the composition includes the antiviral substance (n), and

wherein the antiviral substance (n) includes at least one selected from a group consisting of a triazine-thiazole-imidazole-based substance, amino-modified polyvinyl alcohol, and an amino-modified acrylic polymer.

5. The composition according to any one of claims 2 to 5,

wherein the composition includes the anti-allergen substance (o), and

wherein the anti-allergen substance (o) includes a composite of an anion-

modified organic compound and a carrier.

6. The composition according to claim 5, wherein the anion-modified organic compound includes at least one selected from a group consisting of anion-modified linear alkane and anion-modified polyvinyl alcohol.

7. The composition according to claim 5 or 6, wherein the carrier includes at least one selected from a group consisting of styrene particles and silver oxide particles.

8. The composition according to any one of claims 1 to 7, wherein the composition is used for a melamine decorative laminate.

9. A transfer sheet comprising:

a sheet-like base material; and

a cured layer made of the composition according to any one of claims 1 to 8, the cured layer being formed on one side surface of the sheet-like base material.

10. A melamine decorative laminate comprising:

a core layer;

a decorative layer including a cured product made of melamine resin; and

a cured layer made of the composition according to any one of claims 1 to 8 in this order.

11. A method of producing a melamine decorative laminate, the method comprising:

providing the melamine decorative laminate with a core layer, a decorative layer including a cured product made of melamine resin, and a front surface layer in this order; and

curing the composition according to any one of claims 1 to 8 to thereby form the front surface layer.