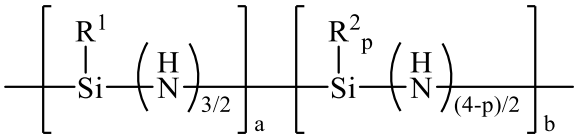
CLAIMS:

1. A polysilazane composition comprising

an organopolysilazane compound comprising repeating units of the general formula (1):



(1)

wherein R^1 and R^2 are each independently a substituted or unsubstituted C_1-C_{20} monovalent hydrocarbon group which may contain a heteroatom, p is an integer of 0, 1, 2 or 3, a and b are numbers in the range: $0 < a \leq 1$, $0 \leq b < 1$, and a+b=1, the organopolysilazane compound having a number average molecular weight of 500 to 100,000 as measured by gel permeation chromatography versus polystyrene standards, and

an organoxysilane compound having the general formula (2):

$$R^3{}_m(OR^4)_{3-m}Si\text{-}R^5\text{-}SiR^6{}_n(OR^7)_{3-n} \qquad (2)$$

wherein R^3, R^4, R^6 and R^7 are each independently a substituted or unsubstituted C_1-C_{20} monovalent hydrocarbon group which may contain a heteroatom, R^5 is a substituted or unsubstituted C_1-C_{30} divalent hydrocarbon group which may have one or more heteroatoms, and m and n are each independently an integer of 0, 1 or 2.

2. The polysilazane composition of claim 1 wherein the organoxysilane compound having formula (2) is present in an amount of 1 to 50% by weight based on the weight of the organopolysilazane compound having formula (1).

3. The polysilazane composition of claim 1 or 2, further comprising a solvent.

4. The polysilazane composition of any one of claims 1 to 3, further comprising a catalyst which contains a metal selected from titanium, aluminum, tin, and zinc.

5. A primer comprising the polysilazane composition of any one of claims 1 to 4.

6. A substrate coated with the polysilazane composition of any one of claims 1 to 4.

7. A multilayer construction comprising the substrate of claim 6 and a silicone composition coated on a surface of the substrate, the silicone composition being selected from a silicone emulsion and a condensation curing silicone.