What is claimed is:

1. An agitating and mixing device for mixing a composition containing plural kinds of pulverized materials, each of the pulverized materials having a different specific gravity, the agitating and mixing device comprising:

a container for storing the composition;

an agitating member for agitating the composition, the agitating member inserted in the container; and

a driving device for vibrating the container,

wherein the agitating and mixing device is configured to agitate the composition stored in the container using the agitating member and then to mix the composition by vibrating the container using the driving device.

2. The agitating and mixing device as claimed in claim 1, wherein the agitating and mixing device comprises two or more of the agitating member.

3. The agitating and mixing device as claimed in claim 2, wherein the container has a bottom surface and each of the agitating members has a plate-like portion having a same shape as a shape of a piece which could be obtained by dividing a plate-like member having the same shape and size as the bottom surface of the container into plural pieces.

4. The agitating and mixing device as claimed in claim 1, wherein the agitating member has a plate-like portion.

5. The agitating and mixing device as claimed in claim 3, wherein the agitating member is configured to agitate the composition by spacing the plate-like portion apart from the bottom surface of the container.

6. The agitating and mixing device as claimed in claim 3, wherein each of the agitating members has a rod-like portion having one end portion and another end portion, and the plate-shape portion of each of the agitating members is provided on the one end portion of the rod-like portion of each of the agitating members.

7. The agitating and mixing device as claimed in claim 6, wherein the plate-shape portion of each of the agitating members is perpendicular to the rod-like portion of each of the agitating members.

8. The agitating and mixing device as claimed in claim 1, wherein the driving device is configured to simultaneously vibrate the container in at least two directions.

9. The agitating and mixing device as claimed in claim 1, wherein at least an inner surface of the container is constituted of a nonmetallic material.

10. The agitating and mixing device as claimed in claim 1, wherein at least an outer surface of the agitating member is constituted of a nonmetallic material.

11. The agitating and mixing device as claimed in claim 1, wherein the composition contains a resin particle and an inorganic particle as the plural kinds of pulverized materials.

12. The agitating and mixing device as claimed in claim 1, the composition is stored in the container in a state that the composition is separated into a first layer containing a resin particle and a second layer containing an inorganic particle.

13. A method for producing a semiconductor sealing resin composition, the method comprising:

agitating a composition stored in a container using an agitating member, the composition containing plural kinds of pulverized materials and each of the pulverized materials having a different specific gravity; and

mixing the composition by vibrating the container.

14. The method as claimed in claim 13, wherein the container has a bottom surface, the agitating member has a plate-like portion and the agitating member is configured to agitate the composition by spacing the plate-like portion apart from the bottom surface of the container.

15. The method as claimed in claim 13, wherein the container is simultaneously vibrated in at least two directions.

16. The method as claimed in claim 13, wherein the composition is stored in the container in a state that the composition is separated into a first layer containing a resin particle and a second layer containing an inorganic particle.

17. The method as claimed in claim 13, wherein the composition is uniformly mixed.

18. The method as claimed in claim 17, wherein when six samples of the composition are respectively picked out from six different points of the composition after mixing, each of the samples having a weight of 3 g, and then each of the samples is burned to an ash, a standard deviation of weight fraction among the ashes is less than 0.2.

What is claimed is:

1. An agitating and mixing device for mixing a composition containing plural kinds of pulverized materials, each of the pulverized materials having a different specific gravity, the agitating and mixing device comprising:

a container for storing the composition;

an agitating member for agitating the composition, the agitating member inserted in the container; and

a driving device for vibrating the container,

wherein the agitating and mixing device is configured to agitate the composition stored in the container using the agitating member and then to mix the composition by vibrating the container using the driving device.

2. The agitating and mixing device as claimed in claim 1, wherein the agitating and mixing device comprises two or more of the agitating member.

3. The agitating and mixing device as claimed in claim 2, wherein the container has a bottom surface and each of the agitating members has a plate-like portion having a same shape as a shape of a piece which could be obtained by dividing a plate-like member having the same shape and size as the bottom surface of the container into plural pieces.

4. The agitating and mixing device as claimed in claim 1 or 2, wherein the agitating member has a plate-like portion.

5. The agitating and mixing device as claimed in claim 3 or 4, wherein the agitating member is configured to agitate the composition by spacing the plate-like portion apart from the bottom surface of the container.

6. The agitating and mixing device as claimed in any one of claims 3 to 5, wherein each of the agitating members has a rod-like portion having one end portion and another end portion, and the plate-shape portion of each of the agitating members is provided on the one end portion of the rod-like portion of each of the agitating members.

7. The agitating and mixing device as claimed in claim 6, wherein the plate-shape portion of each of the agitating members is perpendicular to the rod-like portion of each of the agitating members.

8. The agitating and mixing device as claimed in any one of claims 1 to 7, wherein the driving device is configured to simultaneously vibrate the container in at least two directions.

9. The agitating and mixing device as claimed in any one of claims 1 to 8, wherein at least an inner surface of the container is constituted of a nonmetallic material.

10. The agitating and mixing device as claimed in any one of claims 1 to 9, wherein at least an outer surface of the agitating member is constituted of a nonmetallic material.

11. The agitating and mixing device as claimed in any one of claims 1 to 10, wherein the composition contains a resin particle and an inorganic particle as the plural kinds of pulverized materials.

12. The agitating and mixing device as claimed in any one of claims 1 to 11, the composition is stored in the container in a state that the composition is separated into a first layer containing a resin particle and a second layer containing an inorganic particle.

13. A method for producing a semiconductor sealing resin composition, the method comprising:

agitating a composition stored in a container using an agitating member, the composition containing plural kinds of pulverized materials and each of the pulverized materials having a different specific gravity; and

mixing the composition by vibrating the container,

wherein the agitating member has a plate-like portion, and

the agitating member is configured to agitate the composition by spacing the plate-like portion apart from a bottom surface of the container.

14. The method as claimed in claim 13, wherein the container is simultaneously vibrated in at least two directions.

15. The method as claimed in claim 13 or 14, wherein the composition is stored in the container in a state that the composition is separated into a first layer containing a resin particle and a second layer containing an inorganic particle.

16. The method as claimed in any one of claims 13 to 15, wherein the composition is uniformly mixed.

17. The method as claimed in claim 16, wherein when six samples of the composition are respectively picked out from six different points of the composition after mixing, each of the samples having a weight of 3 g, and then each of the samples is burned to an ash, a standard deviation of weight fraction among the ashes is less than 0.2.