CLAIMS

1. A bismuth compound in which a phosphoric acid ester having a (meth)acrylic group(s) is bonded to bismuth~~.~~

~~2. The bismuth compound according to claim 1, wherein salicylic acid or (meth)acrylic acid is further bonded to the bismuth.~~

~~3. The bismuth compound according to claim 1 or 2~~, wherein the phosphoric acid ester having a (meth)acrylic group(s) is at least one selected from the group consisting of dihydrogen 2-((meth)acryloyloxy)ethyl phosphate and hydrogen bis[2-((meth)acryloyloxy)ethyl] phosphate.

~~4.~~2. The bismuth compound according to claim 1, wherein salicylic acid or (meth)acrylic acid is further bonded to the bismuth.

3. A curable composition comprising the bismuth compound of ~~any one of claims 1 to 3~~claim 1 and a radically polymerizable monomer different from the bismuth compound.

~~5.~~4. The curable composition according to claim ~~4~~3, wherein the radically polymerizable monomer comprises a styrene compound.

~~6.~~5. A cured product of the curable composition of claim ~~4 or 5.~~3.

~~7.~~6. A method of producing the bismuth compound of claim 1, which comprises by reacting bismuth (meth)acrylate or bismuth subsalicylate with a phosphoric acid ester having a (meth)acrylic group(s) to carry out dehydration.

~~8.~~7. The method according to claim ~~7~~6, wherein the phosphoric acid ester having a (meth)acrylic acid is used in an amount of 0.3 to 10 moles based on 1 mole of bismuth (meth)acrylate or bismuth subsalicylate to produce the bismuth compound.

~~9.~~8. The method according to claim ~~7 or 8~~6, wherein bismuth (meth)acrylate or bismuth subsalicylate is reacted with the phosphoric acid ester having a (meth)acrylic group(s) to carry out dehydration in an aliphatic hydrocarbon solvent or aromatic solvent.

~~10. The method according to any one of claims 7 to~~

9. The method according to claim 6, wherein bismuth (meth)acrylate or bismuth subsalicylate is reacted with the phosphoric acid ester having a (meth)acrylic group(s) to carry out dehydration under reduced pressure at a temperature of 50 to 100°C.

10. A curable composition comprising the bismuth compound of claim 2 and a radically polymerizable monomer different from the bismuth compound.

11. A cured product of the curable composition of claim 4.

12. The method according to claim 7, wherein bismuth (meth)acrylate or bismuth subsalicylate is reacted with the phosphoric acid ester having a (meth)acrylic group(s) to carry out dehydration in an aliphatic hydrocarbon solvent or aromatic solvent.

13. The method according to claim 7, wherein bismuth (meth)acrylate or bismuth subsalicylate is reacted with the phosphoric acid ester having a (meth)acrylic group(s) to

carry out dehydration under reduced pressure at a temperature of 50 to 100°C.

14. The method according to claim 8~~9~~, wherein bismuth (meth)acrylate or bismuth subsalicylate is reacted with the phosphoric acid ester having a (meth)acrylic group(s) to carry out dehydration under reduced pressure at a temperature of 50 to 100ºC.