CLAIMS

[Claim 1]

A vinyl ester resin composition comprising a vinyl ester resin (A), a 1,4-benzenediol analog (B), an oxoacid (C), and a curing accelerator (D),

wherein the oxoacid (C) is free of an ethylenically unsaturated compound and 2-oxocarboxylic acid, and

wherein the oxoacid (C) is at least one selected from an aliphatic carboxylic acid, and a phosphonic acid derivative.

[Claim 2]

The vinyl ester resin composition according to claim 1, further comprising an ethylenically unsaturated monomer (F).

[Claim 3]

The vinyl ester resin composition according to claim 1 or 2, wherein the content of the oxoacid (C) is 0.001 to 10 parts by mass with respect to 100 parts by mass of the ethylenically unsaturated component.

[Claim 4]

The vinyl ester resin composition according to any one of claims 1 to 3, wherein the content of the 1,4-benzenediol analog (B) is 0.001 to 0.5 parts by mass with respect to 100 parts by mass of the ethylenically unsaturated component.

[Claim 5]

The vinyl ester resin composition according to any one of claims 1 to 4, wherein the vinyl ester resin (A) is at least one selected from a bisphenol type vinyl ester resin, a hydrogenated bisphenol type vinyl ester resin, and a novolak phenol type vinyl ester resin.

[Claim 6]

The vinyl ester resin composition according to any one of claims 1 to 5, wherein the 1,4-benzenediol analog (B) is at least one selected from hydroquinone, methylhydroquinone, dimethylhydroquinone, trimethylhydroquinone, and tertiary butylhydroquinone.

[Claim 7]

The vinyl ester resin composition according to any one of claims 1 to 6, further comprising a radical polymerization initiator (E).

[Claim 8]

A composite material comprising the vinyl ester resin composition according to any one of claims 1 to 7, and at least one selected from a fiber reinforcement, a filler and an aggregate.

[Claim 9]

A cured product of the vinyl ester resin composition according to any one of claims 1 to 7 or the composite material according to claim 8.