CLAIMS

1 A method of forming an antifouling coating film on a ship by use of an antifouling coating composition, comprising:

a copolymer A;

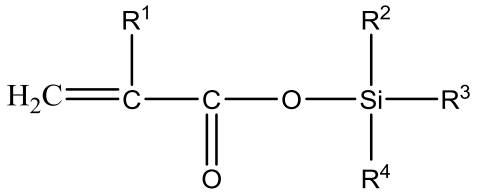
a copolymer B; and

an antifouling agent; wherein:

the copolymer A and the copolymer B are each obtained by copolymerizing a mixture of a monomer (a) and a polymerizable unsaturated monomer (b) other than the monomer (a);

the monomer (a) is represented by general formula (1);

[chemical formula 1]



(1)

in the general formula (1), $R^1$is hydrogen or a methyl group, and R^2, R^3 and R^4 are selected from a C3-C8 branched alkyl group and a phenyl group and may be the same or different;

the copolymer A satisfies following requirements (A1) to (A2);

the copolymer B satisfies following requirements (B1) to (B2); and

content of the copolymer A is 5 to 45mass% with respect to a total mass of the copolymer A and the copolymer B.

(A1) Content of compound in which R^1 is hydrogen in the monomer (a) is 30 to 80 mass% with respect to the total mass of the monomer (a) and the monomer (b).

(A2) Content of 2-methoxyethyl acrylate in the monomer (b) is 5 to 30mass% with respect to the total mass of the monomer (a) and the monomer (b).

(B1) Content of compound in which R^1 is a methyl group in the monomer (a) is 30 to 80 mass% with respect to the total mass of the monomer (a) and the monomer (b).

(B2) Content of 2-methoxyethyl methacrylate in the monomer (b) is 15 to 50mass% with respect to a total mass of the monomer (a) and the monomer (b).