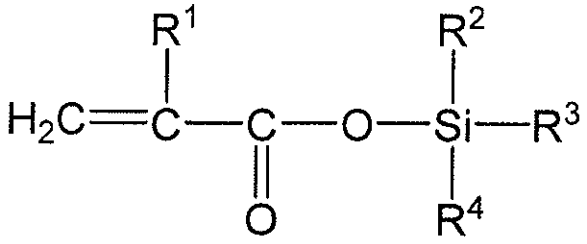
ABSTRACT

The present invention provide a composition for forming an antifouling coating film that is highly environmentally friendly and effectively exhibits an antifouling effect in seawater for a long period of time.

Specifically, the present invention provides an antifouling coating composition comprising:

(1) a polymeric plasticizer comprising an ethylenically unsaturated carboxylate polymer having a glass transition temperature of not greater than -20°C and a number average molecular weight of 500 to 20,000;

(2) a triorganosilyl (meth)acrylate copolymer, which is a copolymer of triorganosilyl (meth)acrylate monomer A represented by General Formula (I):



(I)

wherein R^1 represents a hydrogen atom or methyl group, and R^2 to R^4 may be the same or different independently and represent a branched alkyl group having 3 to 8 carbon atoms or phenyl group, with

ethylenically unsaturated monomer B other than the monomer A, the triorganosilyl (meth)acrylate copolymer having a glass transition temperature of not less than 0°C and a number average molecular weight of 5,000 to 100,000; and

(3) an antifoulant.