

ANTIFOULING COATING COMPOSITION, ANTIFOULING COATING FILM FORMED USING THE COMPOSITION, COATED OBJECT HAVING THE COATING FILM ON THE SURFACE, AND METHOD OF ANTIFOULING TREATMENT BY FORMATION OF THE COATING FILM

ABSTRACT

An object of the present invention is to provide a composition for forming an environment friendly antifouling coating film that is unlikely to cause a hairline crack and like coating film defects even when immersed in seawater for a long time, and that prevents or inhibits attachment of slime. An antifouling coating composition of the invention comprises: (A) a triorganosilyl ester-containing copolymer obtained by a mixture of (a) a triorganosilyl methacrylate monomer represented by a general formula (1): R^1 is a hydrogen atom or a methyl, and R^2 , R^3 , and R^4 are equal or different each other, and each represent an alkyl group having 3 to 6 carbons and branched on α -position or a phenyl group, and (b) an ethylenically unsaturated monomer copolymerizable with the triorganosilyl methacrylate monomer, (B) a modified rosin salt which is a salt of a modified rosin and zinc and/or copper, the modified rosin containing, in an amount of 80 weight% or more, two or more members selected from the group consisting of dihydroabietic acid, tetrahydroabietic acid, dehydroabietic acid, pimaric acid, isopimaric acid, and dihydropimaric acid.

(no suitable figure)