

ANTIFOULING COATING COMPOSITION

ABSTRACT

An object of the present invention is to provide a means which can sufficiently suppress the propagation of algae and the like even in a submerged place where algae and the like easily propagate due to factors such as a factor of being likely to be exposed to sunlight in a substrate having an antifouling coating film formed, and can be carried out at low cost. An antifouling coating composition for underwater application of the present invention contains a hydrolyzable polymer (A) containing a metal ester group and zinc oxide (B) having a specific surface area of 5 to 20 m²/g. A content of the zinc oxide (B) is, for example, 50 to 150 mass% with respect to 100 mass% of a solid content of the hydrolyzable polymer (A). The antifouling coating composition for underwater application may further contain an antifouling agent (C) and a monocarboxylic acid compound (E) and/or a metal ester thereof. An antifouling coating film formed from the antifouling coating composition for underwater application has a large coating film consumption degree in a bright place exposed to sunlight/a dark place not exposed to sunlight and has excellent static antifouling properties and dynamic antifouling properties even in the bright place.

[No Figure]