

ABSTRACT

The present invention has an object to provide an antifouling coating composition that provides an antifouling coating film superior in antifouling performance, that is superior in production workability and in dispersibility, and that is superior in storage stability so that generation of aggregates is prevented even after storage and furthermore, a high anti-sagging property is maintained even after storage, and a method for producing the same, and to provide an antifouling coating film obtained from the antifouling coating composition, a substrate with an antifouling coating film, including the antifouling coating film, and a method for producing the same.

The antifouling coating composition of the present invention contains a curable polyorganosiloxane (A), a pyrithione metal salt (B), and an oxidized polyethylene wax (C), and satisfies at least one of the following Conditions A and B:

Condition A: the pyrithione metal salt (B) in the antifouling coating composition has a median diameter (D50) of 5.0 μm or less

Condition B: the pyrithione metal salt (B) that is a raw material has a median diameter (D50) of 3.0 μm or less.