

FOULING CONTROL COATING COMPOSITIONS**ABSTRACT**

The present application discloses a fouling control cured paint coat comprising a polysiloxane-based binder matrix and one or more biocides, said binder matrix having included as a part thereof hydrophilic oligomer/polymer moieties, wherein the weight ratio between the hydrophilic oligomer/polymer moieties and the one or more biocides is in the range 1:0.02 to 1:20, and wherein ≥ 50 % of the binder system is polysiloxane parts. The application further discloses a marine structure comprising on at least a part of the outer surface thereof an outermost coating of the cured paint coat. Moreover, the application discloses the use of the combination of one or more polysiloxane components modified with hydrophilic oligomer/polymer moieties and one or more biocides, wherein the weight ratio between the hydrophilic oligomer/polymer moieties and the one or more biocides is in the range 1:0.02 to 1:20, for improving the antifouling properties of a polysiloxane based coating composition.

No fig.