

Antifouling pigments

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Abstract The present work reports data regarding antifouling activity of some new synthesized products in our laboratory. Ureas, thioureas, bis-maleinimide derivatives, N-4-carboxyphenyl-maleinimide derivatives and 5-benzyliden-rhodanine derivatives had been antifouling testing. The synthesized compounds were incorporating in non-aditive marine paints and antifouling testing for variable time of immersion in Black Sea water. The mixtures of the least two compounds having different chemical structures had the higher antifouling activity against barnacles, algae, hydroids, tubeworms, mollusks and other marine organisms.

Keywords: antifouling control, biocides, ureas, thioureas, bis-maleinimides, N-4-carboxyphenyl-maleinimides.
