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Abstract:

**COPOLYMERS CONTAINING FLUORO AND SILYL GROUPS AND THEIR
USE IN MARINE ANTIFOULANT COMPOSITION**

Copolymers of at least three monomer units selected from the group consisting of fluorinated acrylic (methacrylic) monomers, triorganosilylacrylic (e.g. trimethylsilyl methacrylate) monomers and acrylic monomers not containing an organosilyl moiety, (e.g. methyl methacrylate) and optionally containing from 0-5 weight percent of a cross-linking agent are novel compositions useful as polymeric binders in long life marine antifoulant coatings. The erosion rate and resistance to cracking of the copolymer of the present invention when used as a binder in a marine antifoulant paint is controlled by adjusting the proportions of each monomer and the amount of crosslinking agent in the copolymer of the present invention



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