

ABSTRACT

A substrate resin having pendant acid groups is produced by copolymerizing an acrylic or methacrylic ester of which alcoholic residue includes a bulky hydrocarbon radical or a soft segment. The substrate resin is then metallized together with an organic monobasic acid so that both of the pendant acid group and the organic monobasic acid group are bound to the same metal atom. The resulting hydrolyzable metal-containing resin is incorporated into self-polishing antifouling paint formulations together with an antifouling pigment such as cuprous oxide.