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ABSTRACT

SURFACE-ACTIVE MACROMONOMERS

A new class of polymerizable surfactants, useful for modifying the surfaces of polymeric objects, which are described by the formula: $DC[A_xB_y]$ wherein A is at least one ethylenically unsaturated hydrophilic monomer, B is at least one ethylenically unsaturated hydrophobic monomer, C is a functional chain transfer agent, D is an ethylenically unsaturated end group, y is within the range from about 0.1 to about 0.9, and $x + y = 1$. Also disclosed are random copolymer precursors of such polymerizable surfactants.