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(54) Title: CURABLE COMPOSITIONS

(57) Abstract: The present invention relates to a curable composition comprising (i) a resin composition, wherein the resin composition comprises: a compound C1 having an X group and an optionally substituted aryl group; a compound C2 having an X group and an optionally substituted carbocyclyl group; a compound C3 having at least two X groups; and a photoinitiator, wherein X is acrylate or methacrylate. The curable compositions of the present invention may be used to form shape memory polymers. In a preferred embodiment, a curable composition comprising 2-phenoxyethyl acrylate, isobornyl acrylate, trimethylolpropane ethoxylate triacrylate, and ZnO nanoparticles is used to form a shape memory polymer.



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