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(54) Title: FAST CURING FLUOROELASTOMERIC COMPOSITIONS, ADHESIVE FLUOROELASTOMERIC COMPOSITIONS AND METHODS FOR BONDING FLUOROELASTOMERIC COMPOSITIONS

(57) Abstract: Compositions including at least one curable fluoropolymer are disclosed which include at least one functional group for crosslinking the fluoropolymer, a curative capable of crosslinking the at least one fluoropolymer selected from the group consisting of functionalized biphenyl-based compounds, various monoamidine and monamidoxime compounds as well as bisamidine compounds and combinations thereof; and at least one cure accelerator which may be an organic peroxide or an organic peroxide in combination with a colorant. Adhesive fluoroelastomeric compositions comprising colorants are also provided. The compositions described provide beneficial physical properties, increased plasma resistance, unique adhesive properties and/or reduced contamination associated with use of external adhesive. Methods for forming articles which incorporate fluoroelastomers bonded to metallic surfaces are also provided.



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