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(54) Title: LIQUID UNCROSSLINKED MICHAEL ADDITION OLIGOMERS PREPARED IN THE PRESENCE OF A CATALYST HAVING BOTH AN EPOXY MOIETY AND A QUATERNARY SALT

(57) Abstract: The uncrosslinked liquid oligomeric compositions of this invention are made by the Michael addition reaction of acetoacetate-functional donor compounds with multifunctional acrylate acceptor compounds where the equivalent ratios of multifunctional acrylate to acetoacetate vary from $\geq 1:1$ to $\geq 13.2:1$ depending on the functionality of both multifunctional acrylate and acetoacetate in the presence of a catalyst comprising an epoxy moiety and a quaternary salt. Unusable gelled or cured oligomer products occur below the claimed ranges. The liquid oligomers of this invention are further crosslinked to make coatings, laminates and adhesives.



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