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(54) **Title:** AQUEOUS COATING COMPOSITION AND PROCESS OF MAKING THE SAME

(57) **Abstract:** Provided is an aqueous coating composition having an extended open time and capable of providing coating films with good properties including stain resistance and block resistance, comprising: (i) an emulsion polymer; (ii) an oligomer comprising as polymerized units, (a1) a hydrophilic (meth)acrylic acid alkyl ester; (a2) a diacetone (meth)acrylamide; and (a3) acid monomers comprising an α,β -ethylenically unsaturated carboxylic acid and a phosphorous-containing acid monomer; and (iii) a polyfunctional carboxylic hydrazide. Also provided are a process of preparing the aqueous coating composition and a method of extending open time of an aqueous coating composition, including admixing the emulsion polymer and the polyfunctional carboxylic hydrazide with the oligomer.



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