

[54] ADHESIVE

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[58] Field of Search 106/124, 148, 214

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[57] ABSTRACT

The disclosure relates to a process for preparing an adhesive, a novel adhesive, a novel polymeric material and a process for preparing extremely stable emulsions. The process of the invention comprises subjecting an aqueous mixture of starch or protein, or at least two insoluble substances, and grinding media to an agitation in the presence of a pigment, if desired, and then removing the grinding media therefrom. The treated starch or protein may be further reacted with a polymerizable monomer or preformed polymer to form the novel polymeric material. A superior adhesive, which finds particular application in coating base materials, as paper, is obtained. Stable emulsions formed are particularly useful in pharmaceutical and food applications.

20 Claims, No Drawings