

Abstract

Composition, Adhesive and Aqueous Emulsion

There is disclosed a composition which comprises an (A) aqueous emulsion selected from (A-1) aqueous emulsion comprising a dispersoid which comprises a vinyl ester polymer (1) and a copolymer of a (meth)acrylic ester and a primary hydroxyl group-containing ethylenically unsaturated monomer (2), the polymer (1) being present principally in the central part of the dispersoid, the copolymer (2) having a glass transition temperature of lower than 50°C and being present principally in the peripheral part thereof; and a dispersant comprising a vinyl alcohol polymer and (A-2) aqueous emulsion comprising a dispersoid which comprises a copolymer of a hydrophobic unsaturated monomer such as (meth)acrylic ester and a primary hydroxyl group-containing ethylenically unsaturated monomer; and a dispersant comprising a vinyl alcohol polymer having a mercapto group at an end thereof and a (B) polyvalent isocyanate compound. Disclosed also are an adhesive comprising the aforementioned composition and a wooden product which is joined by the use of the adhesive. The above-disclosed adhesive is excellent in initial adhesivity, adhesive strength, water resistance and so forth.

