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ABSTRACT



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An adhesive composition comprising natural rubber based particles uniformly dispersed in a radiation setting compound is cured by radiation to make a pressure-sensitive adhesive layer on a substrate, thereby: sufficient adhesiveness is obtained; different fillers sufficiently charged; drying time after application is short; both overall application and pattern application are readily performed; application can be performed on different substrates; and sufficient adhesive strength between the substrate and the pressure-sensitive adhesive layer can be realized. This adhesive composition may be manufactured by: mixing aqueous emulsion 31 containing the natural rubber based particles 30 and the radiation setting compound 32; elevating a temperature of the mixture while stirring; removing vaporized water in the aqueous emulsion; and replacing the water as the medium wherein the natural rubber based particles are dispersed with the radiation setting compound.