

Method for manufacturing particleboards using lignosulfonates includes the following steps: producing wood chips, drying the chips, preparing the adhesive, mixing the chips with the adhesive, forming and pre-pressing the mat, and pressing the boards. To prepare the adhesive, a mixture of melamine-carbamide-formaldehyde (MUF) resin and a 50% aqueous solution of sodium lignosulfonate or magnesium lignosulfonate is used, with a resin-to-lignosulfonate ratio ranging from 90:10 to 70:30 by weight.