ABSTRACT

A polyurethane-polyurea aqueous dispersion, a method for preparing the polyurethane-polyurea aqueous dispersion, a use of the polyurethane-polyurea aqueous dispersion, a slurry containing the polyurethane-polyurea aqueous dispersion, a polyurethane glove and a preparation method therefor. The polyurethane-polyurea aqueous dispersion comprises polyurethane-polyurea having a terminal polycarboxylic acid and/or carboxylate group dispersed in water. The present disclosure effectively reduces the destructive effect of metal ions such as calcium ions from coagulant solutions on dopes containing polyurethane-polyurea aqueous dispersions for preparing gloves, thereby prolonging the service life of the dopes; moreover, the produced gloves have excellent mechanical properties, e.g., improved elongations and excellent tensile strength.