

ABSTRACT

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PRESSURE-SENSITIVE ADHESIVE POLYMERS

This pressure-sensitive adhesive polymer is obtained by emulsion polymerization of the mixture of the following monomers, for a total of 100 % by weight: (A) 40 to 95 % by weight of at least one (meth)acrylic or vinyl monomer capable of resulting in a homopolymer which has a glass transition temperature lower than or equal to -40°C ; (B) 2 to 50 % by weight of at least one (meth)acrylic or vinyl monomer capable of resulting in a homopolymer which has a glass transition temperature higher than or equal to 0°C ; (C) 0.5 to 6 % by weight of at least one carboxylic (meth)acrylic monomer; (D) 0 to 5 % by weight of at least one (meth)acrylic monomer ethoxylated with 1 to 20 moles of ethylene oxide; (E) 0.05 to 1 % by weight of at least one (meth)acrylic or vinyl monomer containing a ureido group; and (F) 0 to 2 % by weight of at least one acrylic or vinyl monomer carrying a sulphonate functional group, the said polymer having a glass transition temperature lower than or equal to -25°C .

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