

ABSTRACT

A RESINOUS COMPOSITION FOR A WATER PAINT

A resinous composition for water paint crosslinkable at the normal temperature, which is suitable for painting interiors and exteriors of buildings, bridges, vehicles and et al, which is non-odored, as well as which has advantages in safe and hygienic aspects is obtained by blending an aqueous dispersion of a carbonyl group-containing copolymer (A) with a carbonyl group-containing aqueous polyurethane resin (B) at the ratio of 100 parts by weight of solids in (A) to 5 - 150 parts by weight of (B), and then adding as a crosslinking agent a hydrazide compound (C) having at least 2 hydrazide groups per one molecule at the ratio of 0.01 - 2 moles of (C) to 1 mole of carbonyl group contained in the said (A) and (B) components, the said polyurethane resin (B) being obtained by copolymerizing an unsaturated polyurethane resin obtained by the reaction of a diisocyanate compound with a polyol having a number average molecular weight of 60 - 10,000, a carboxyl group-containing diol and a hydroxyl group-containing ethylenic unsaturated monomer with a carboxyl group-containing ethylene unsaturated monomer.