

The invention relates to polymeric compositions, which can be used for protection of metal surfaces against corrosion. The polymeric composition for protection of metal surfaces against corrosion comprises the polyvinylacetate dispersion, orthophosphoric acid, pigment, corrosion inhibitor, surface-active substance and water, which as pigment contains slime – waste of galvanotechnology productions, as surface-active substance - polymethylsiloxane, and as corrosion inhibitor – zinc oxide and oxyethylenediphosphonic acid. The composition increases atmosphere-resistance and adhesion of coating, strength, elasticity and biological safety.