

Abstract

The present invention relates to a polymerizable resin composition comprising one or more polymerizable resin components selected from the group consisting of polyols, polyamines and mixtures thereof, in particular polyether polyols, polyester polyols, and polybutadiene polyols, aluminum hydroxide, and optionally further additives, such as for example wetting and dispersant additives, dyes, pigments, drying agents, fillers, polyalcohols, butanediol, hexanediol, antifoaming agents, antisetling agents, and plasticizers such as for example phosphates and catalysts. The resin composition contains at least 75 wt.%, and in particular 75 to 85 wt.% of aluminum hydroxide relative to 100 wt.% of the resin composition. The invention further relates to corresponding hardener compositions, polymers and filler mixtures.