

ABSTRACT

5 **LOW MOLECULAR WEIGHT (METH)ACRYLIC POLYMERS, FREE**
OF SULPHUR-CONTAINING, METALLIC AND HALOGENATED
COMPOUNDS AND WITH LOW RESIDUAL MONOMER CONTENT,
METHOD FOR PREPARING THE SAME AND USES THEREOF

The subject of the invention concerns C8 or higher, linear or branched fatty chain (meth)acrylic polymers possibly containing at least one ethylene unsaturation,
10 having a weight average molecular weight $\overline{M}_w$ of less than 20,000 g/mole, free of sulphur-containing, metallic and halogenated compounds and with a residual monomer content measured by GPC of no more than 10 % by weight, preferably no more than 7 % by weight.

A further subject of the invention is the synthesis method and the uses of these
15 polymers.