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(54) Title: PROCESS FOR THE PRODUCTION OF BIS(TRIMETHYLSILOXY)SILYLALKYLGLYCEROL METHACRYLATES

(57) Abstract: The present invention relates to a process for producing substituted glycerol acrylates from substituted epoxides. More specifically, the present invention relates to a process comprising the steps of (a) reacting a first reaction mixture comprising substituted epoxide with at least one epoxide opening catalyst and at least one acrylic acid to form a first reaction product comprising between about 60 and about 85 mole % substituted glycerol acrylate and said substituted epoxide; (b) treating said first reaction mixture with a nucleophilic compound to form a second reaction product which is substantially free of said substituted epoxide and which comprises said substituted glycerol acrylate and a nucleophile derivative of said substituted epoxide; and (c) treating said second reaction product to remove said nucleophile derivative and produce substituted glycerol acrylate having less than about 5 weight % difunctional impurities.

WO 2005/005444 A1