



IMPROVED DOUBLE METAL CYANIDE COMPLEX CATALYSTS

ABSTRACT OF THE DISCLOSURE

Improved double metal cyanide catalysts are disclosed. The substantially amorphous catalysts of the invention are more active for polymerizing epoxides than conventional DMC catalysts, which have a substantial crystalline component. Polyol products made with the catalysts are unusually clear, have exceptionally low unsaturations, and contain no detectable amount of low molecular weight polyol impurities. A method of making the improved DMC catalysts, which involves intimately combining the reactants, is also disclosed.