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The invention relates to the obtaining of alkyd resins and varnish-and-paint materials on base thereof, used for painting of metal, wood and other surfaces inside and outside the rooms.

The process for alkyd resin obtaining includes stages of transesterification of vegetable oils with glycerine or pentaerythritol in the presence of catalyst on base of inorganic lithium salt "СветоХим component A" in the quantity of 0.035...0.040% from the mass of the oils or lithium hydroxide in the quantity of 0.035...0.040% from the mass of the resin, polyesterification with phthalic anhydride and polycondensation at heating.

The varnish-and-paint material on alkyd base comprises alkyd resin, obtained by said process, pigments and fillers, siccativе, antiprecipitant, dispersion agent, antifilm additive and organic solvent in the following component ratio, mass %:

alkyd resin	30.0...85.0
pigments and fillers	14.0...66.0
siccativе	0.01...2.2
antiprecipitant	0,01...1.0
dispersion agent	0.01...0.7
antifilm additive	0.01...0.3
organic solvent	the rest.

Claims: 5