

RADIATION CURABLE ACRYLATE POLYESTERS

Abstract

Acrylate polyesters are made by the reaction of a diol (in particular polyoxyethylene or
5 polyoxytetramethylene glycol), a dibasic acid anhydride (e.g. succinic or phthalic anhydride) and glycidyl acrylate. The polyester can be formulated into radiation curable compositions, in particular by blending it with a polyethylenically unsaturated radiation-curable compound
10 and, optionally, a monoethylenically unsaturated radiation-polymerizable monomer, which compositions can be used as coatings, inks, and adhesives which cure at high rates when exposed to actinic radiation.

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