

Title (en)
POLYESTER OLIGOMER ACRYLATES

Title (de)
POLYESTER OLIGOMERACRYLATE

Title (fr)
ACRYLATES D'OLIGOMERES DE POLYESTER

Publication
EP 0847310 A1 19980617 (EN)

Application
EP 96925340 A 19960724

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Abstract (en)
[origin: WO9704881A1] A compound having the formula: $(x(\text{CH}_2=\text{CR}_{<1>}-\text{C}(\text{O})\text{O}-)\text{R}_{<2>}-\text{O}-\text{C}(\text{O})\text{R}_{<3>})_y-\text{O}-\text{C}(\text{O})-\text{NH})_n-\text{R}_{<4>}$, wherein $\text{R}_{<1>}$ is hydrogen or methyl, $\text{R}_{<2>}$ is an alkylene group or substituted alkylene group (typically having less than six carbon atoms, more typically two or three carbon atoms), $\text{R}_{<3>}$ is an alkylene group or substituted alkylene group (typically having less than ten carbon atoms, more typically from four to six carbon atoms), $\text{R}_{<4>}$ is the residue of an organic isocyanate (including trimerized isocyanates, but excluding isocyanate-functional prepolymers of active hydrogen compounds) having a functionality of n , n is an integer from two to four (typically two or three), x is an integer from one to three, and y is an integer from one to five, is provided. Also provided is a coating composition comprising a compound as set forth above and a method of coating a substrate comprising polymerizing a composition comprised of the compound set forth above while in contact with a substrate. Among the compounds which fall within the above formula are those in which $\text{R}_{<1>}$ is hydrogen, $\text{R}_{<2>}$ is an ethylene group, $\text{R}_{<3>}$ is a pentamethylene group, and $\text{R}_{<4>}$ is the residue of isophorone di-isocyanate (and n is two), tetramethylxylene di-isocyanate (and n is two), toluene di-isocyanate (and n is two), or trimerized hexamethylene di-isocyanate (and n is three), x is one and y is two.

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IPC 8 full level
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