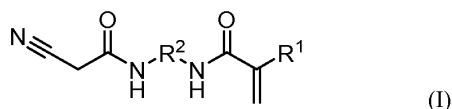


Claims

1. Compound of the general formula (I):

5



wherein R¹ is selected from a hydrogen atom and a methyl group and
R² is an optionally substituted alkylene group of the composition

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C_nH_m, with

n = 2 – 4

m = 2 – 8.

- 15 2. Compound according to Claim 1, wherein the alkylene group R² is one of the following groups:
1,2-ethylene group, 1,3-propylene group, 1,2-propylene group, 1,4-butylene group, 1,3-(2-hydroxy)propylene group, 1,3-(2,2-dimethyl)propylene group.
- 20 3. Compound according to at least one of Claims 1 to 2, wherein R¹ is a methyl group.
4. Copolymer obtainable by polymerization of a monomer mixture comprising at least 0.5 wt%, preferably at least 1.0 wt% of the compound according to at least one of Claims 1 to 3, based on the weight of the monomer mixture.
- 25 5. Copolymer according to Claim 4, characterized in that the monomer mixture comprises
0.5 to 90 wt% of the compound according to at least one of Claims 1 to 3,
10 to 95 wt% of at least one monomer comprising ester groups,
0 to 10 wt% of at least one monomer with an acid group,
- 30 0 to 50 wt% of at least one styrene monomer, based on the weight of the copolymer.
6. Aqueous dispersion comprising 0.1 to 90 wt%, preferably 20 to 80 wt%, particularly preferably 30 to 60 wt% of the copolymer according to Claim 4 or 5, based on the weight of the aqueous dispersion.
- 35 7. Use of the aqueous dispersion according to Claim 6 as a coating composition, especially as emulsion paint, clearcoat, facade application, protective paint, ship coating or metal coating.

8. Coating, obtainable by applying the aqueous dispersion according to Claim 6 to an article to be coated and subsequently drying and curing it.
- 5 9. Coating according to Claim 8, wherein the aqueous dispersion according to Claim 6 contains an aldehyde or a ketone which enters into a condensation reaction with the copolymer according to Claim 4 or 5 during the curing.
- 10 10. Coating according to Claim 8, wherein the aqueous dispersion according to Claim 6 contains at least one aldehyde or a ketone which enters into a condensation reaction with the copolymer according to Claim 4 or 5 during the curing.
- 15 11. Coating according to Claim 8, wherein the aqueous dispersion according to Claim 6 contains an isocyanate which enters into addition reactions with the copolymer according to Claim 4 or 5 during the curing.