Claims

1. A process for preparing an encapsulated fragrance composition, the composition comprising a plurality of microcapsules dispersed in a dispersion medium, the microcapsules comprising a core and a shell around the core, the process comprising the consecutive steps of:

   a) Providing an aqueous phase (I) comprising at least one anionically modified polyisocyanate (A);

   b) Providing an organic phase (II) comprising at least one fragrance ingredient;

   c) Mixing the aqueous phase (I) and the organic phase (II) to obtain a mixture;

   d) Forming an emulsion comprising droplets of the organic phase (II) in the continuous aqueous phase (I);

   e) Adding at least one polyfunctional amine;

   f) Effecting formation of shells around the droplets formed in step d), to obtain a dispersion of microcapsules;

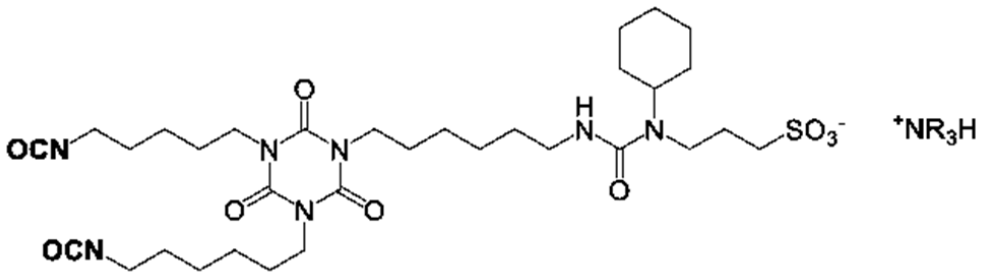
   Wherein the process comprises the additional step of:

   Adding a polyisocyanate (B), which is different from polyisocyanate (A);

   Wherein polyisocyanate (B) is added during step c), or polyisocyanate (B) is added after step c) and before step d), or polyisocyanate (B) is added during step d); and

   wherein the anionically modified polyisocyanate (A) comprises at least two isocyanate groups and at least one functional group selected from the group consisting of carboxylic acid groups, sulfonic acid groups, phosphonic acid groups and salts thereof.

2. A process according to claim 1, wherein the anionically modified polyisocyanate (A) is according to Formula (1).



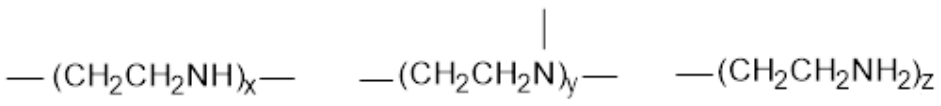
Formula (1)

3. A process according to one of claims 1 or 2, wherein the aqueous phase (I) provided in step a) additionally comprises a dispersion aid different from anionically modified polyisocyanate (A), in particular a non-ionic dispersion aid.

4. A process according to one of claims 1 to 3, wherein polyisocyanate (B) is a non-ionic polyisocyanate.

5. A process according to claim 4, wherein the non-ionic polyisocyanate is selected from the group consisting of dicyclohexylmethane diisocyanate, hexamethylene diisocyanate and isophorone diisocyanate.

6. A process according to one of claims 1 to 5, wherein the polyfunctional amine is a polyethyleneimine containing the following repeat units



wherein

x is from 8 to 1500, preferably from 10 to 1000;

y is from 0 to 10, preferably from 0 to 5, especially 0; and

z is 2+y.

7. A process according to one of claims 1 to 6, wherein the aqueous phase (I) additionally comprises a cationic polymer.

8. A process according to one of claims 1 to 6, additionally comprising the step of:

Adding a cationic polymer.

9. A process according to one of claims 7 or 8, wherein the cationic polymer is an ampholytic co-polymer derived from a cationic monomer or a monomer that can

form cations, in particular containing at least one quaternary ammonium group, an anionic monomer or a monomer that can form anions, in particular based on acrylic acid, methacrylic acid or a derivative thereof, and optionally a non-ionic monomer.

10. An encapsulated fragrance composition obtainable by a process according to one of claims 1 to 9.

11. A consumer product comprising an encapsulated fragrance composition according to claim 10, in particular a personal care product, a home care product, or a laundry care product.