CLAIMS

1. A process for preparing a polyamide core-shell microcapsule slurry comprising the following steps:

a) Dissolving at least one acyl chloride and at least one stabilizer in a hydrophobic material, preferably a perfume to form an oil phase;

b) Dispersing the oil phase obtained in step a) into a water phase comprising optionally an amino compound A or a base to form an oil-in-water emulsion; and

c) Performing a curing step to form polyamide microcapsules in the form of a slurry,

wherein at least an amino compound B is added in the water phase before the formation of the oil-in-water emulsion and/or in the oil-in water emulsion obtained after step b).

2. The process according to claim 1, wherein it comprises the steps of:

a) Dissolving at least one acyl chloride and at least one stabilizer in a hydrophobic material, preferably a perfume to form an oil phase;

b) Dispersing the oil phase obtained in step a) into a water phase comprising optionally an amino compound A or a base to form an oil-in-water emulsion;

c) Adding to the oil-in-water emulsion obtained in step b) an amino compound B; and

d) Performing a curing step to form polyamide microcapsules in the form of a slurry.

3. The process according to claim 1 or 2, wherein the acyl chloride is chosen in the group consisting of benzene-1,3,5-tricarbonyl chloride, benzene-1,2,4-tricarbonyl trichloride, benzene-1,2,4,5-tetracarbonyl tetrachloride, cyclohexane-1,3,5-tricarbonyl trichloride, isophthalyol dichloride, diglycolyl dichloride, succinic dichloride, and mixtures thereof.

4. The process according to any one of the preceding claims, wherein the water phase comprises a base chosen in the group consisting of sodium carbonate, sodium bicarbonate, sodium hydroxide, and mixtures thereof.

5. The process according to any one of the preceding claims, wherein the water phase comprises an amino compound A chosen in the group consisting of L-Lysine, L-Lysine ethyl ester, guanidine carbonate, chitosan, 3-aminopropyltriethoxysilane and mixtures thereof, preferably wherein the amino compound A is L-Lysine.

6. The process according to any one of the preceding claims, wherein the amino compound B is chosen in the group consisting of cystamine, cystamine hydrochloride, cystine, cystine hydrochloride, cystine dialkyl ester, cystine dialkyl ester hydrochloride, a xylylene diamine, 1,2-diaminocyclohexane, 1,4-diaminocyclohexane, L-lysine, L-Lysine ethyl ester, polyetheramines, ethylene diamine, diethylene triamine, spermine, spermidine, polyamidoamine (PAMAM), guanidine carbonate, chitosan, tris-(2-aminoethyl)amine, 3-aminopropyltriethoxysilane, L-arginine and mixtures thereof.

7. The process according to any one of the preceding claims, wherein amino-compound A and amino-compound B are different.

8. The process according to any one of the preceding claims, wherein the stabilizer is chosen in the group consisting of gum Arabic, modified starch, polyvinyl alcohol, polyvinylpyrrolidone, carboxymethylcellulose, anionic polysaccharides, acrylamide copolymer, inorganic particles, proteins and mixtures thereof, or wherein the stabilizer is a protein chosen in the group consisting of soy protein, rice protein, whey protein, white egg albumin, sodium caseinate, gelatin, bovine serum albumin, hydrolyzed soy protein, hydrolyzed sericin, pseudocollagen, silk protein, sericin powder, and mixtures thereof.

9. The process according to any one of the preceding claims, wherein the molar ratio between the functional group NH_2 of the amino compound B and the functional group COCl of the acyl chloride is comprised between 0.01 and 7.5.

10. The process according to any one of the preceding claims, wherein the weight ratio between acyl chloride and the hydrophobic material is comprised between 0.01 and 0.09.

11. The process according to any one of the preceding claims, wherein the hydrophobic material is a hydrophobic active ingredient, preferably wherein the hydrophobic active ingredient comprises a perfume.

12. A polyamide core-shell microcapsule slurry obtainable by the process of any one of the claims 1 to 11.

13. A perfuming composition comprising

(i) microcapsule slurry as defined in claim 12, wherein the hydrophobic material comprises a perfume,

(ii) At least one ingredient selected from the group consisting of a perfumery carrier and a perfumery base

(iii) Optionally at least one perfumery adjuvant.

14. A consumer product comprising:

- a personal care active base, and
- microcapsule slurry as defined in claim 12 or the perfuming composition as defined in claim 13,

wherein the consumer product is in the form of a personal care composition.

15. A consumer product comprising:

- a home care or a fabric care active base, and

- microcapsule slurry as defined in claim 12 or the perfuming composition as defined in claim 13,

wherein the consumer product is in the form of a home care or a fabric care composition.