CLAIMS

1. Process for preparing a core-shell microcapsule slurry, said process comprising the steps of:

(i) dissolving a monomer in an oil phase comprising a hydrophobic active ingredient, preferably a perfume;

(ii) preparing a dispersing phase comprising modified starch, wherein the dispersing phase is not miscible with the oil phase;

(iii) adding the oil phase to the dispersing phase to form a two-phases dispersion;

(iv) performing a curing step to form a microcapsule slurry;

characterized in that:

- chitosan is further added in the dispersing phase in step ii) and/or in the two-phases dispersion before performing step iv), and

- the weight ratio between chitosan and modified starch is comprised between 0.01 and 1.5, and

- the monomer reacts with the modified starch in the presence of chitosan during the curing step.

2. The process according to claim 1, wherein the monomer is not a polyepoxide.

3. The process according to claim 1 or 2, wherein the dispersing phase is water.

4. The process according to any one of the preceding claims, wherein the monomer in the oil phase is chosen in the group consisting of at least one polyisocyanate, polyanhydride, poly acyl chloride, acrylate monomers and polyalkoxysilane, and mixtures thereof.

5. The process according to claim 4, wherein the monomer is at least one polyisocyanate having at least two isocyanate groups.

6. The process according to any one of the preceding claims, wherein the monomer is used in an amount comprised between 0.1 to 15% by weight based on the total weight of the oil phase.

7. The process according to claim 6 wherein the monomer is used in an amount between 0.1 and 4%, preferably between 0.1 and 2% by weight based on the total weight of the oil phase.

8. The process according to any one of the preceding claims, wherein the hydrophobic active ingredient comprises a perfume.

9. The process according to any one of the preceding claims, wherein the dispersing phase comprises a polyamine, preferably chosen in the group consisting of guanidine salts, tris-(2-aminoethyl)amine, N,N,N′,N′-tetrakis(3-aminopropyl)-1,4-butanediamine, guanazole, aminoacids such as lysine, aminoalcohol such as 2-amino-1,3-propanediol, ethanolamine and mixtures thereof.

10. A core-shell microcapsule slurry comprising at least one microcapsule made of:
- an oil-based core; and
- a shell comprising a copolymer, said copolymer comprising
    - modified starch;
    - a monomer, preferably a polyisocyanate having at least two isocyanate groups; and
    - chitosan.

11. The core-shell microcapsule slurry according to claim 10 comprising at least one microcapsule made of:
- an oil-based core; and
- a shell comprising a copolymer, said copolymer comprising
    - from 20 to 50%wt of modified starch;
    - from 50 to 80%wt of a monomer, preferably a polyisocyanate having at least two isocyanate groups; and
    - between 0.1 and 20%wt of chitosan.

12. A perfuming composition comprising
(i) a microcapsule slurry as defined in claim 10 or 11, wherein the hydrophobic active ingredient comprises a perfume;
(ii) at least one ingredient selected from the group consisting of a perfumery carrier and a perfuming co-ingredient; and

(iii) optionally a perfumery adjuvant.

13. A consumer product comprising:

- a personal care active base, and
- a microcapsule slurry as defined in claims 10 or 11 or the perfuming composition as defined in claim 12,

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

14. A consumer product comprising:

- a home care or a fabric care active base, and
- a microcapsule slurry as defined in claims 10 or 11 or the perfuming composition as defined in claim 12,

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