

CLAIMS

1. A core-shell microcapsule slurry comprising at least one microcapsule having
 - a) an oil-based core comprising a hydrophobic material;
 - 5 b) a polymeric shell; and
 - c) a coating comprising a polysuccinimide derivative.
2. The microcapsule slurry according to claim 1, wherein the polysuccinimide derivative is obtained by grafting at least one amine to at least one succinimide repeating unit.
- 10 3. The microcapsule slurry according to claim 1 or 2, wherein the polysuccinimide derivative is a cationic polysuccinimide derivative.
4. The microcapsule slurry according to claim 3, wherein the cationic polysuccinimide derivative
15 is obtained by grafting at least one amine having cationic groups to at least one succinimide repeating unit.
5. The microcapsule slurry according to claim 4, wherein the amine is chosen in the group consisting of glycidyltrimethylammonium chloride, N,N-Dimethyltrimethylenediamine, 1-
20 Dimethylamino-2-propylamine, (2-Aminoethyl)trimethylammonium chloride hydrochloride, (5-Bromopentyl)trimethylammonium bromide, (2-Chloroethyl)trimethylammonium chloride, Bromopropyl)trimethylammonium bromide, N,N-Bis(3-aminopropyl)methylamine, ethanolamine, cystamine and mixtures thereof.
- 25 6. The microcapsule slurry according to anyone of the preceding claims, wherein the polysuccinimide derivative is obtained by grafting at least two amines to at least one succinimide repeating unit.

7. The microcapsule slurry according to claim 6, wherein the two amines are N,N-Dimethyltrimethylenediamine (DMAPA) and N,N-Bis(3-aminopropyl)methylamine (DAMDPA).
8. The microcapsule slurry according to claim 7, wherein the molar ratio between N,N-Bis(3-aminopropyl)methylamine (DAMDPA) and the polysuccinimide unit is comprised between 0.1 to 0.01 and wherein the molar ratio between N,N-Dimethyltrimethylenediamine (DMAPA) and the polysuccinimide unit is comprised between 1 to 0.01.
9. The microcapsule slurry according to anyone of the preceding claims, wherein the polysuccinimide derivative is chosen in the group consisting of polysuccinimide-co-poly(n-ethylaspartamide), polysuccinimide-co-poly(n-butylaspartamide), polysuccinimide-co-poly(n-hexylaspartamide), polysuccinimide-co-poly(n-dodecylaspartamide), polysuccinimide-co-poly(n-dodecylaspartamide)-co-poly(3,4-dihydroxybenzylaspartamide), a cationic polyaspartamide-co-polysuccinimide-co-poly(aspartic acid) and mixtures thereof.
10. The microcapsule slurry according to anyone of the preceding claims, wherein the polymeric shell comprises a material selected from the group consisting of polyurea, polyurethane, polyamide, polyester, polyacrylate, polysiloxane, polycarbonate, polysulfonamide, polymers of urea and formaldehyde, melamine and formaldehyde, melamine and urea, or melamine and glyoxal and mixtures thereof.
11. Microcapsule slurry according to anyone of the preceding claims, wherein the oil-based core comprises a perfume oil.
12. A process for preparing the microcapsule slurry as defined in any one of claims 1-11, wherein it comprises the steps of:
- Preparing an oil phase comprising a hydrophobic material to form an oil phase;
 - Preparing an aqueous solution comprising optionally an emulsifier to form a water phase;

- c) Adding the oil phase to the water phase to form an oil-in-water dispersion; and
- d) Performing a curing step to form core-shell microcapsule in the form of a slurry;
wherein a polyfunctional monomer is added in the oil phase and/or the water phase,
and

5 wherein a polysuccinimide derivative is added in step d) or after step d) is completed.

13. A consumer product comprising:

- a consumer product base, and
- microcapsules slurry as defined in anyone of claims 1-11,

10 wherein the consumer product is preferably in the form of a home-care product or a personal care product.

14. The consumer product according to claim 13, wherein it is a perfumed consumer and chosen in the list consisting of a fine perfume, a splash or eau de perfume, a cologne, a shave or
15 after-shave lotion, a liquid or solid detergent, a mono or multi chamber unidose detergent , a fabric softener, a fabric refresher, liquid or solid scent-boosters, a dryer sheet, an ironing water, a paper, a bleach, a carpet cleaners, curtain-care products, a shampoo, a coloring preparation, a color care product, a hair shaping product, a dental care product, a disinfectant, an intimate care product, a hair spray, a hair conditioning product, a vanishing cream, a deodorant or
20 antiperspirant, hair remover, tanning or sun product, nail products, skin cleansing, a makeup, a perfumed soap, shower or bath mousse, oil or gel, or a foot/hand care products, a hygiene product, an air freshener, a powdered air freshener, a mold remover, furnisher care, wipe, a dish detergent or hard-surface detergent, a leather care product, a car care product.

25 15. Perfumed consumer product according to claim 14, wherein the perfumed consumer product is a liquid or solid detergent, a fabric softener, liquid or solid scent-boosters, a shampoo, a shower gel, a hair conditioning product, a deodorant or antiperspirant.