Microencapsulation / Cosmetotextiles

Your Challenges
Innovation remains a driver for growth for manufacturers. Microencapsulation is a leading-edge technology whose innovative concepts have emerged in recent years.

This is the case for cosmetotextiles, for example, defined as "a textile article containing a durable cosmetic product intended to be released over time" (FD CEN/TR 15917:2010 cosmetotextile technical report).

Solutions containing microcapsules may also be developed for fabric retreatment, fabric softeners and scented laundry detergents and more.

Our Solutions
As a leader in the consumer goods market, Intertek puts our textile and cosmetic expertise to good use. Specific tests, such as capsule resistance to washing and/or wearing, have been developed in our laboratories*

Our services are based on recognised cosmetic and textile standards and directives and focuses on three key points:

Performance:
• Titration of encapsulated and free active ingredients
• Capsule resistance during washing and/or wearing cycles
• Define a wearing simulation method
• Quality control
• Colour fastness, stability and elasticity of textiles

Safety:
• Toxicological assessment
• In vitro skin and ocular irritation to ECVAM validated and pre-validated protocols
• Patch test and utilisation test under dermatological control
• Textiles for azo dyes, formaldehyde content, pH and more

Efficacy:
• Slimming results such as centimetre loss, cellulite reduction, firmness and more
• Hydration, wellness
• Anti-odour, anti-perspirant, fresh effect
• Hair shine, softness, UV protection and more

Our tests can be performed on many different types of articles such as: tights, underwear, T-shirts, jeans, pyjamas, household linen.

* Our laboratory in France is approved with regard to Research Tax Credit (Crédit d'Impôt Recherche)

Regional Contacts

Asia Pacific
Tel: +852 2173 8888

Americas
Tel: +1 630 481 3175

EMEA
Tel: +33 0 2 32 63 36 72

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