



## Editorial 2015



Gilles Baudin

### Ideal packaging: clever, clean and relevant !

Whether consumers or industrial companies, we are all looking for the ideal packaging, which could currently be summed up as : clever, clean and relevant.

**Clever** is definitely a feature of aerosol packaging, the **only real answer to continuous product delivery** capable of distributing both liquids and powders or viscous gels.

It is also the only packaging that offers many different dosage forms in a simple manner : spray-foam-gel. The numerous products currently on the market offer, moreover, an extraordinary range of adaptations in order to propose excessively varied characteristics in terms of flow rate, form and spray size. Increasingly proposed in the « all positions » option, it has recently made it possible to mix two products at the time of restitution.

**Clean** is certainly a feature of aerosol packaging, which does not merely reconstitute the right amount on each application. It also offers an **excellent restitution rate**. With little material, made rigid by the pressure, the material is easy to recover and recycle. In a standardised format, aerosols are easy to palletize and transport. Moreover, the profession constantly anticipates legislation and consumer expectations in terms of composition ; the reduction of VOCs and replacement of sensitive substances (BPA, Formaldehydes, ...) are the subject of international-scale work. Finally, by ruling out retro-contamination, aerosols make it possible to reduce preservatives in formulae.

**Relevant** is also a feature of aerosol packaging, which **excels at protecting the formula from air and light**. It therefore offers an **outstanding product shelf-life**. Managed by a responsible industry, it complies with a legal and quality framework that guarantees operator and consumer safety. Easy to decorate, aerosols benefit from progress in printing technologies and can thus also turn into connected objects.

Is criticism for being cylindrical any reason to believe this packaging is somehow not sufficiently modern ?

**Gilles Baudin, CFA President**

## PAIR project – Plastic Aerosol Independent Review



Laurence Joly

**The Aerosol Dispensers Directive (ADD) 75/324/EEC currently restricts the maximum allowed total capacity of plastic aerosols** (220ml for plastic aerosol dispensers which cannot splinter on bursting and 150ml for those which may splinter on bursting) **and provides specific filling requirements.**

**FEA has proposed in 2010 new legal provisions for plastic aerosols** to allow innovative products with plastic aerosols >220ml and up to 1.000ml. The general approach has been to apply the same requirements to plastic and metal aerosols, and additionally to apply some new requirements for plastic aerosols due to the specific properties of plastic materials.

**The European Commission concluded in July 2014 that more evidence is needed to ensure the safety of larger plastic aerosol up to 1000ml.** Also there is the need to include new **provisions for plastic containers in the annex of the ADD**. Such provisions could be derived from the FEA draft standard X6-647 bearing in mind that such standards should guarantee safety while being sufficiently general to allow future material and product innovations. An independent review was proposed by the European

## Summary

- Editorial
- PAIR project – Plastic Aerosol Independent Review
- The CFA General Assembly
- Crown : A new CFA member point of view
- Events Calendar
- Statistic CFA 2014

## CFA Schedule for Training courses

Two training courses will take place in 2015 from 16 to 18 June 2015 and from 20 to 22 October 2015.

You will find the registration form:

- JUNE : [here](#) for members - [here](#) for non-members
- OCTOBER : [here](#) for members - [here](#) for non-members



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« [eappert@oriex.fr](mailto:eappert@oriex.fr) »



AEROSOL & DISPENSING FORUM 2016 will take place on **February 3rd and 4th 2016** in Espace Champerret, Paris

Commission.

It is a good recognition of our professional association to see that FEA has been appointed to lead this independent review: the project is called PAIR (**Plastic Aerosol Independent Review**) and is now at the stage of selection of the appropriate independent body among the best European expert laboratories.

**The objective of the PAIR project is to carry out an independent review** of existing data related to the safety of plastic aerosols >220ml and request to Industry to supply missing data or to carry out new test(s), as appropriate, to validate the recommendations. The final objective is to recommend which relevant tests and criteria should be included in the Annex of the Aerosol Dispensers Directive 75/324/EEC to guarantee that only safe plastic aerosols are placed on the EU market, while ensuring a technical and competitive level playing field, and providing to brands the opportunity to launch new products in plastic aerosols at a larger scale.

The final report is expected by end 2015. We will keep you informed of the outcome of this important study for the aerosol industry.

**Laurence Joly, Packaging Expertise - Dispensing & Aerosols**  
**L'OREAL**

## Concerns about Packaging incrimination



Michel Fontaine

Following its general assembly, the **CNE** expressed great concern at the increasing number of articles and, in particular, TV programmes incriminating packaging. Like any human activity, packaging has an impact on the environment. According to ADEME, empty packaging accounts for 12 of the 355 million tons of waste, that is, just over 3%, which is very little expressed in weight.

**What is more, 2/3 is recycled via a well-organised recovery chain.**

However, people talk much more about packaging than other forms of waste as visually, for the citizen-consumer, it represents 50% of his or her daily waste.

This percentage of overall waste is a fact, but it is never offset by mentioning the numerous advantages of packaging. Its functionalities : product preservation, product protection, consumer information, instructions for product use and brand expression are systematically overlooked. The preservation function, in particular, gives developed countries in the 21st century the assurance of **safe, hygienic use**, which developing countries envy.

In addition to the functionalities linked to the product, packaging also helps greatly to reduce food wastage. The products made in our countries are stored and protected, whereas, according to the FAO, 30% of food production in the world is lost through lack of proper preservation.

Packaging must no doubt progress further in order to become even smaller at the end of its life-cycle. This is no reason deliberately to omit to recognise its numerous, important qualities.

**Michel Fontaine, CNE President**

## Crown, point of view of a new CFA member



**CROWN**

Brand-Building Packaging™

CROWN Aerosols & Specialty Packaging is glad to be part of the French Aerosol Committee, the representative association for the French profession.

The Aerosol market quickly evolves and requires knowledge on regulation that must be in force, safety, environment which must be up to date and reliable

The CFA has experts who allow us to have access to this information and to participate in working groups.

Our objective is to contribute within this committee to pursue to defend the profession interest

Being also part of other groupings in diverse European countries, this allows us to exchange and to broaden our knowledge on the European market.

CROWN Sprays and Specialty Packaging is a member of the division Europe of the world group CROWN holding company Inc., leading of the metallic packaging for convenience goods.

The group produces in Europe packaging intended for the food market, the hygiene-beauty and the industry as well as for the luxury market such as the cosmetic and the wines and spirits.

Our 100 % recyclable packaging exists in various formats and offer wide possibilities in terms of decorations and finishes.!

**Veronique Curulla, Marketing Director, CROWN**

**6000 brand experts from 70 countries and the 300+ exhibitors** - packaging suppliers of international renown - who shared discussions on aerosol technologies and components, dispensing systems and packaging are expected during these two days.

### Expected themes for proposals

- Design, prototyping, 3D impression
- Colour management and control
- Materials and new materials : metals, plastics, papers, films and foils
- Compatibility and predictability
- Valves, BOV, dispensing systems and components (seals, springs, bearings, bags, cups, etc.), propellants
- The manufacturing of aerosols and components : forming techniques, injection, embossing and debossing, printing (silkscreen, tampo, offset, helio, flexo, digital), inks, varnishes, etc.
- Varnishes, coatings, TTS, finishing, laser, decoration
- Assembly : robotics, bonding, welding, friction, etc.
- Packaging, control and measurement (spray, sealing, etc.)
- End of service life and recycling

Please send us your proposals for papers **by Friday, 30th June 2015** with: the title and full address of the speaker, complete with photo and short CV, and a ten-line summary, to [canva@oriex.fr](mailto:canva@oriex.fr)

<http://www.aerosol-forum.com>

## CFA 2014 Statistics



The annual CFA survey on filled aerosol cans in our country in 2014 showed, for the second consecutive year, a beautiful growth.

**The total production rose, indeed, from 651 Mu to 704 Mu**, that is 8 % (after a 17 % growth in 2013)

- + 149 Mu over 2 years among which approximately 90 Mu is owed to transfers of production
- Body products especially took advantage of this growth with 49 Mu more (145 Mu, 58 % over 2 years): deodorants and lacquers but also " other cleansing products "
- The industrial, technical and food products also benefited
- On the other hand, the pharmaceutical and car products decreased.
- The proportion of aluminium cans reached a record level to 78%
- The share of glass and plastic containers went up from 4Mu to 10Mu! proportion of aluminium cans reached a record level to 78%

The 2014 figures :

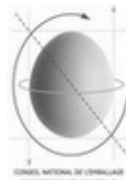
**• Total, in France: 704 millions**

- Personal care Products : 395 M
- Household products : 76 M
- Pharmaceutical products : 133 M
- Industrial products : 43 M
- Food products : 25 M
- Other products : 32 M

## Parteners Members



## Parteners & Medias



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