



Editorial Spotlight on experts



Gilles Baudin

Aerosols are not just part of our daily lives as consumers or professionals. **They have naturally become a strategic packaging with considerable potential for development.**

However, aerosol experts will once again have to rise to the challenges involved in developing new technologies and optimising future products.

Environmental demands (materials surveillance, miniaturisation, use of recycled materials) and market trends (plastic aerosols) are all complex, ambitious issues **that will only be resolved in a viable, differentiating and safe manner through bold exploration and sophisticated expertise.**

The legal opportunity afforded by extending compressed gases in aerosols to 15 bars instead of the current 13.2 is one of these challenges. Indeed, spray quality will most likely be improved, for the benefit of the consumer, but there is no telling whether current technical solutions fully guarantee sealing at such pressure. Experts are already working on the subject, bearing witness to the dynamism and ability to anticipate of players on the market.

Activity measured by patent applications is also a strong sign of the creative, innovative commitment of the sector. But ideas pale in the face of experimentation and tests to develop technologies and products. It is in the interest of experts to recruit and train good teams if they want rapidly to succeed in order to support their brands and those of their clients.

May the best win, while unreservedly upholding the principles of ethics, consumer safety and societal responsibility of our profession.

Gilles Baudin, CFA President

The CFA activities



As is customary every year in November, the CFA invited the entire aerosol industry (both members and non-members) to an information day on ongoing and future regulatory changes.

The CFA Information was provided, in particular, on:

- Changes in the aerosol directive

- **Increase in the maximum pressure at 50°C to 15b for compressed gas aerosols**, the idea being to enable these aerosols to compensate for the technical handicaps of compressed gases through a higher initial pressure, while guaranteeing the safety of all aerosols

- **Plastic containers** : plastic materials have evolved since 1975, when volume and pressure limits were laid down in the directive. The aim is now to validate the safety requirements that will make it possible to market plastic aerosols with the same internal volume and pressure constraints as metal aerosols. It is worth noting that the USA has already approved this development in its regulation. A big plastic container manufacturer has detailed the behaviour of plastics in test conditions for aerosols.

- **Water bath alternative** : current regulations make it possible not to use a water bath (compulsory unitary safety test on aerosol packaging lines) providing there are a series of measures (supplier unitary pressure resistance test on empty cans, weight sorter and on-line leak detector) subject to an audited quality system approved by the Ministry of Industry. This alternative is not suitable for aluminium cans. It therefore needs to be amended to broaden its scope to include all aerosols.

- **Water bath for compressed gas aerosols** ; the water bath safety test is not very effective in this case as the increase in pressure between 20°C and 50°C is slight. Thought must be given to a more relevant safety test.

Summary

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Schedule for Training courses

A training course will take place in 2016 from **14 to 16 June in Paris**

[For more info click here](#)

You will find the registration form:

- [here](#) for members
- [here](#) for non-members

A training course is scheduled from **October 18 to 20 2016 in Paris**

[For more info click here](#)

You will find the registration form:

- [here](#) for members
- [here](#) for non-members

A technical day is scheduled end of November 2016 (date to confirm) in Paris



CFA Meeting calendar

Technical commission meeting
January 21st 2016 - 10 AM at the CFA

Preparatory meeting for FEA meeting
21st January 12 PM at the CFA

Working group meeting about Varnishes
21st January 2016 at 2 PM at the CFA

Working groupe meeting about Plastic
21st January at 3.30 PM at the CFA

CFA General Assembly
February 3rd 2016 from 6 PM to 7:30 PM,
Paris Espace Champéret

Aerosol & Dispensing Forum
February 3rd and 4th 2016
Paris Espace Champéret

- The CLP regulation (Europe) and the GHS (UN)

- Changes : labelling, safety data sheet, ...

- Metrology

- Aerosol contents must be labelled in volume : should they be labelled in weight, in volume, or both in the future ?

- Sustainable development

- What is the status of the DDS household waste activity ?

- Transport

- There is a current ban on sending aerosols by mail. However, e-commerce does this increasingly. Would it not be better to allow this practice, subject to certain precautionary measures, instead of maintaining a ban that is flouted ?

- Industrial safety

- The revision of the Seveso 3 directive has been transposed in French legislation ; the new ICPE headings on aerosols have thus entered into force.

- Following the terrorist attacks on industrial sites, the government is auditing the « vulnerability » of Seveso sites : sharing of experience in order better to handle these audits.

- Enhanced safety forklifts developed by the CFA to avoid « ATEX » forklifts in places where they are not indispensable.

Henri-Marc de Montalembert, CFA General Secretary

FEA News**Prague meetings**

The FEA convenes its experts for its Board of Directors, Expert Committee and Assembly of Delegates in a European capital every year.

Proposals on the following topics were discussed :

- Increase of pressure at 50°C to 15b for compressed gas aerosols
Plastic aerosols

- Questions of interpretation raised by the CLP regulation

- Matters pertaining to labelling : minor linguistic variations in danger (H) and caution (P) statements

- Implementation of « F-Gas 2 »

- Alternatives to unitary hot water bath test

- Circular economy

The Expert Committee approved a certain number of drafts including the « FEA Basic Safety Guidelines in Aerosol Storage »

- These guidelines cover, in a comprehensive 30-page document.

- Risks linked to stored aerosols, particularly during handling or when a fire has broken out on the site

- Storage area requirements

- Risks linked to handling

- Fire protection

- Fire-fighting : sprinklers and high expansion foam

- Fencing of areas designated for aerosols

- Regulations concerned: Seveso, ATEX, Safety at work, ...

This document, which is a basic reference for our industry, is extremely important as it is the result of a working group of national associations that make up the FEA, and a summary of good practices within European industry.

CFA members can buy it on the FEA internet site (<http://members.aerosol.org/>)

Henri-Marc de Montalembert, CFA General Secretary

FEA : Do not give up

Alain D'haese

Test methods and criteria for the flammability of aerosols were already adopted in 2002 and revised labelling provisions were adopted in 2010.

There are however remaining differences across the world, which makes global harmonisation a target still to be reached. In a step to become closer from this objective, **FEA initiated at UN level a new debate on minor linguistic variations in labelling. This is a fundamental and difficult debate,** for which national authorities will need to position themselves vis-à-vis an effective global harmonisation. Are identical precautionary or hazard statements acceptable globally knowing the differences in languages, cultures and practices? FEA considers that minor linguistic variations should be globally acceptable, as far as they do not

Aerosol & Dispensing Forum NY

13 & 14 September 2016

The Altman Building and Metropolitan Pavilion, NY, USA



PARIS AEROSOL & DISPENSING FORUM
3 & 4 February 2016
Espace Champerret,
Paris, France

Don't miss **The Paris Packaging Innovation Hub** which brings together experts from leading international brands (Personal Care, Household, Pharmacy & Veterinary, Food, Industrial & Technical markets) and key suppliers in the aerosol technologies, components, dispensing systems and packaging industry.

Over 5,800 brand packaging experts from about 70 countries, and more than 350 manufacturers and service providers from the Aerosol Technologies, Dispensing and Beauty Packaging, convene during these two days!

More information on :

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



NEW YORK AEROSOL & Dispensing Forum
13&14 September 2016
in the Altman Buidling & Metropolitan Pavilion, NY, USA

First Edition in NEW YORK!
The international meeting of Aerosol and dispensing expert will take now place also in New York, USA

More information on :

<http://www.adf-pcd.com/>



L'Oréal is Hiring in Paris

Engineer Evaluates Dispensing and Sprays.

The proposed mission consists in conceiving (designing) and in developing innovative cosmetics in sprays and other systems dispensing. For more information click [here](#) (in French)

affect the meaning and comprehensibility of these statements.

After years of discussion with the European Commission and the Member States, **the European Commission should finally propose to increase to 15 bar the maximum allowed internal pressure at 50°C for aerosols using non-flammable compressed gases.** This will provide the aerosol industry with more flexibility to innovate when using compressed gases. When adopted in the European Union, there will be a need to transpose these provisions into the regulations on the transport of dangerous goods to allow other regions to benefit the same provisions.

On another field, FEA has proposed since 2008 proposals for new provisions related to plastic aerosols to the European Commission and the Member States. Proposals were also discussed with CSPA and other international colleagues. **FEA now launches a Plastic Aerosols Independent Review (PAIR) project to unlock the EU legislative process. PAIR includes the European Commission and Member States to steer the project, companies to provide test data and a third-party organisation to provide its independent expertise.** It shows again how long and difficult the legislative route can be.

These changes require effective dialogue among global partners in the aerosol industry to secure a global harmonisation of the requirements.

FEA with its sister associations promotes this global dialogue in two ways:

- **The International Liaison Committee (ILC):** Once a year representatives of national aerosol associations across the globe (currently Argentina, Australia, Brazil, Chile, China, Europe, India, Japan, Mexico, New Zealand, South Africa, Thailand and USA) meet altogether. The goal is to exchange experience and views in order to avoid new threats for the aerosol industry. The next meetings will be hosted by CSPA in December 2015 in Fort Lauderdale, USA, and by FEA in October 2016 in Istanbul, Turkey. The ILC has already jointly worked on some topics, for example to successfully convince legal metrology authorities across the globe to leave regions decide to label the nominal contents of aerosols in volume and/or in weight. This was again a long and difficult process. FEA is now of opinion that the ILC should further jointly work on global harmonisation, safety and sustainability.

- **Exhibitions & Congresses:** These events are larger fora where the entire local, regional or international aerosol industry can meet and exchange. I take this opportunity to invite you to the next FEA International Aerosol Congress & Exhibition which is hosted by the Turkish Aerosol Manufacturers' Association (ASAD) and which will take place from 4 to 6 October 2016 in Istanbul (Turkey). This event is specifically designed for a large worldwide aerosol audience, opening new gates for business opportunities.

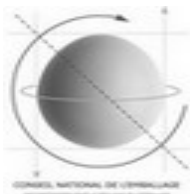
All information you need are available at <https://registration.stoktours.com/aerosol-2016>. I hope to meet you at this occasion. **After Istanbul, FEA itself will organise these future global events starting with Düsseldorf, Germany, in October 2018 in a revamped format.**

Alain D'haese, FEA General Secretary

Partners Members



Partners & Medias



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