



/ MEDIA RELEASE

ARCHROMA'S PEKOFLAM[®] HFC IS FIRST POWDER BASED FLAME RETARDANT ADDITIVE FOR COATING APPLICATIONS TO BE LISTED WITH OEKO-TEX[®] STANDARD 100

- Innovative powder additive combines efficacy and physical properties of conventional halogenated flame retardants (FR) with state-of-the-art non-halogenated fire protection solutions
- First listed powder FR supporting textile sectors' efforts to achieve Oeko-Tex[®] 100 compliance for flame-proof products
- Possible applications include military and protective wear, transportation interiors, and high-quality upholstery

Reinach, 10 March 2015 – Archroma, a global leader in specialty chemicals, announces that its novel halogen-free flame retardant powder coating additive, Pekoflam[®] HFC, is since November 2014 officially recognized as a manufacturer certified product by the Oeko-Tex[®] Association. Being the first powder additive to be listed for coating applications, Pekoflam HFC will support textile producers and protective clothing manufacturers' efforts to achieve both Oeko-Tex 100 compliance and effective fire protection for their finished goods.

Pekoflam HFC p is an organic phosphorous/nitrogen compound with excellent performance on synthetic materials, including polyamide fibers and blends. The unique chemistry displays higher efficiency compared to commonly used nitrogen and/or phosphorous based chemicals. It is also applicable in water-based systems as well as in Oeko-Tex Standard 100 compliant 'green' solvent based coating systems, hence offers a higher flexibility to fabric coaters serving different end-use segments. The ecological profile enables use in both indirect and direct skin contact applications.

"The primary advantage of Pekoflam HFC is its ability to combine the effects and properties of selected halogenated and non-halogenated technologies in a fire protection solution for various coating polymers. Pekoflam HFC thus offers a sustainable long-term alternative for synthetic textile applications, meeting the criteria of the Oeko-Tex Standard 100 and responding to the general trend towards more environmentally-compatible materials and end-products that pose significantly lower risks to health," comments Michael Schuhmann, Global Segment Manager Flame Retardants, Textile Specialties Business, Archroma.

Oeko-Tex criteria provide manufacturers in the textile and clothing industry with a uniform benchmark on a scientific basis for the evaluation of potentially harmful substances in textiles. The Oeko-Tex label indicates the additional benefits of tested safety for skin-friendly clothing and other textiles to interested end users. The test label therefore provides an important decision-making tool for purchasing textiles.



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Archroma is a global color and specialty chemicals company committed to innovation, world-class quality standards, high service levels, cost-efficiency and sustainability. Archroma is headquartered in Reinach near Basel, Switzerland, and operates with approximately 3000 employees over 35 countries. Through its three businesses: Textile Specialties, Paper Solutions and Emulsion Products, Archroma delivers specialized performance and color solutions to meet customer needs in their local markets. Archroma helps people fulfill their desire for products that appeal to their emotions and senses for a greater life experience, by developing beauty- and performance-improving technologies applied to everyday products. Products enhanced, colors enhanced, performance enhanced – “Life enhanced”.

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