

FreeFOAM - project successfully concludes with a final meeting of the consortium in Chartres, France



The partners of the European Union sponsored project FreeFOAM met for the seventh time in Chartres at the facilities of project partner 'Cosmetic Valley', representing the French perfumery and cosmetics industry, on the 15th June 2016.

The FreeFoam project officially ended on the 30th April 2016 and this final meeting of the consortium was held to review and confirm the successful outcomes achieved by the partners since the beginning of the project in May 2013.

The ambitious aims and objectives of the project were; 'to develop an improved PU foaming process using microencapsulated isocyanate to precisely control the foaming reaction during the production of PUR expanded foam'

Against this background the partners have successfully developed a new PUR foam formulation, using microencapsulated isocyanate dispersed in a polyol mixture enabling the reactive foaming process to be precisely triggered with the benefits of reduced free isocyanate being released to atmosphere, improved homogeneity of the foam structure and reduced waste, all of which combine to address the health, safety and environmental concerns associated with today's chemistry and process.

These demonstrated results are to be presented to the European Commission with a comprehensive plan for the use and dissemination of this new knowledge and a commercial plan as to how this can be exploited to secure the benefits for the community and the PUR industry alike.

The consortium sincerely thanks 'Cosmetic Valley, for the generous hospitality extended to the partners and in facilitating this event.

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FreeFOAM

Novel PUR foaming manufacturing process with reduced isocyanate content

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