



Hamburg, 06.09.2005 – EPEA with regard to the Dexwet Fine Dust Filter

EPEA, the international environmental research institute with its headquarters in Hamburg, has had many years experience in testing fine dust and investigating options for the prevention and retention of fine dust.

In this context EPEA tested and evaluated the fine dust filter made by the Dexwet company. The result is clear: the fine dust filters made by the Dexwet company are to a great extent suitable for the retention of fine dusts from laser printers and for other areas of application involving toners. According to tests conducted by the institute, the fine dusts from toners of electronic devices have special explosive properties, as in many cases there is no quality control of the composition of these dusts. In this way, considerable quantities of nickel or mercury are sometimes emitted through the fine dusts from toners. The fluctuations in organic tin compounds that act in a similar manner to hormones, as well as the fluctuations in styrene and in particle size distributions also make it clear that the toner dusts have not been optimized from the point of view of environmental or health aspects.

Dexwet is taking the first step towards preventing such dusts from getting into our lungs. The EPEA Institute has also obligated itself to work together with Dexwet in the further development of toner dust filters in order for example to achieve return, recycling and material flow management for these materials. The Dexwet company is on the right track. Prof. Dr. Michael Braungart, Scientific Director of the EPEA Research Institute makes the following comment in this regard: "Anyone who purchases a Dexwet filter is making a noticeable contribution to relieving the air we breathe of fine dusts from toners."

EPEA Internationale Umweltforschung GmbH

Feldstrasse 36

D-20357 Hamburg

Tel. +49 40 43 13 49 0

Fax. +49 40 43 13 49 49

Email. [epea@epea.com](mailto:epea@epea.com)

Web. [www.epea.com](http://www.epea.com)