

Direct thermal papers containing Bisphenol A are safe to use

The European Thermal Paper Association (ETPA) confirms the safety of direct thermal papers

- **Bisphenol A** is used for a range of applications and ranks as one of the best investigated substances in the world. No studies have ever achieved reproducible results indicating negative impact.
- In June 2011, the Danish Ministry of the Environment conducted a study into the safety of thermal papers and concluded:
"Risk assessment shows that the receipts do not pose a risk to consumers or cashiers who handle the receipts. Even if they are pregnant, and even when taking into account the amount of bisphenol A that also comes from food".
<http://www.mst.dk/Publikationer/Publications/2011/06/978-87-92708-93-9.htm>
- In April 2011, the German Society of Toxicology (SOT) reaffirmed the adequacy of the Tolerable Daily Intake (TDI) of BIS A and confirmed that there is no significant risk for humans, including newborns and infants.
<http://informahealthcare.com/doi/abs/10.3109/10408444.2011.558487>
- The Federal Institute for Risk Assessment (BfR) stated clearly in 2008 that there is no risk to human health through handling products which contain Bisphenol A, and has recently reaffirmed this position.
http://www.bfr.bund.de/cm/290/bisphenol_a_studys_by_stump_et_al_2010_and_ryan_et_al_2010.pdf
- The European Food and Safety Association (EFSA), after intensive study of the scientific evidence, has also reached the same conclusion, which is reflected in the high and thus non-critical threshold value (TDI) that EFSA established for Bisphenol A already in 2006. This position was reaffirmed by EFSA on 30.09.2010 after a new round of intensive research.
<http://www.efsa.europa.eu/en/press/news/cef100930.htm>
- Migration tests conducted at the University of Zurich indicate that, if at all, only miniscule quantities of Bisphenol A can be absorbed through the skin and thus enter the bloodstream. These quantities are negligible when measured against the threshold value established by EFSA.
<http://www.xerr.uzh.ch/news/bisphenol01.html>

In view of these scientific facts, ETPA considers the use of Bisphenol A for the production of direct thermal papers to be safe and responsible. Direct thermal papers are safe to use and do not pose a risk to human health or to the environment.