

October 14, 2009

**Subject: Bisphenol-A in P.O.S. papers**

Dear Customer,

Koehler is the leading producer of thermal point of sale paper in the world. Koehler has obtained the certification of ISO 9001, ISO 14001 and ISO 27001. Furthermore Koehler is certified for Forest Stewardship Council chain of custody. Koehler uses materials for the paper production which are primarily environmentally friendly, safe to use, and not hazardous to health.

Several grades of Koehler Thermal Paper contain small amounts of Bisphenol-A (BPA). When properly used Bisphenol-A is not considered to be hazardous to human health. This has been proven by numerous studies in America and Europe. BPA can be found in many products of every day life.

Koehler has in the past commissioned toxicological testing work performed on our thermal grades containing BPA. All studies have proven that the Koehler paper examined is non-hazardous, non-irritant and non-sensitizing. We have complete confidence in the results of these studies including these by US American Testing Institutes.

**The European Food Safety Authority and the US Food and Drug Administration have repeatedly stated that Bisphenol-A is safe in its intended uses.**

If you have any further questions, please do not hesitate to contact us.

Best Regards  
Papierfabrik August Koehler AG



i.A. Dietmar Fritz  
Technical Customer Service Thermal Papers

**Subject: Bisphenol A (BPA) contained in Thermal papers**

Herewith Mitsubishi Paper Mills confirm that a series of its Thermal Papers is containing Bisphenol A (BPA) to generate colour development after a thermal impact. For this purpose BPA is used several decades without any claims on health defects.

That is absolutely ensured and confirmed by the results of toxicological tests performed on several of these papers by independent third party laboratories:

- Dermal investigations at human skin (patch tests)
- Tests for the toxicological profile
  - dermal toxicity
  - oral toxicity
  - skin and eye irritation
  - skin sensitization

These tests have been performed according to the OECD Principles also meeting the requirements of

- the FDA (Title 21 CFR part 58)
- the EPA/FIFRA (Title 40 CFR part 160)
- the EPA/TSCA (Title 40 CFR part 792)
- the Japanese Ministry of Agriculture, Forestry and Fisheries (59 NohSan, Notifications No. 3850)
- the Japanese Ministry of International Trade and Industry (Kanpogyo No. 39, Environmental Agency, Kykioku No. 85)

All the test results confirm that the tested papers are absolutely safe at intended use: not toxic, not skin irritating, not eye irritating, not skin sensitizing.

However recently new concerns on BPA were raised in context with BPA release from plastic baby bottles; our thorough consideration comes to the conclusion that "BPA has to be classified as harmless with respect to human health as well as the environment", also being subject of the attached statement of the European Thermal Paper Association (ETPA), we are member of.

If there are any further questions please do not hesitate to direct them to Mitsubishi's Sales Department who will pass them for answering to the mill's Environmental/Safety representatives.

Bielefeld, October 16, 2009

  
**Gerhard Schoon**  
Managing Director  
**Dr. Hiroshi Tomimasu**  
Managing Director

Enclosure

# ETPA – EUROPEAN THERMAL PAPER ASSOCIATION

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Since the direct thermo-printing technology found its way into Europe some 20 years ago, the ingredients of thermal paper have repeatedly been the subject of intensive scrutiny.

The European thermal paper producers started to react to these allegations at an early stage. The European Thermal Paper Association (ETPA) was established for that purpose and a working committee - namely the Product Safety Group (PSG) - was set up to deal with all respective matters.

As early as 1996, the members of ETPA entered into an agreement with the German BMU (Federal Ministry for the Environment, Nature Conservation and Nuclear Safety) to commit themselves not to use substances of concern in their formulations; this self-commitment is based on a very strict toxicological profile.

Despite all the efforts made, BPA has nevertheless repeatedly been the focus of external criticism.

However, barely any other chemical substance has been studied as often and as intensely as BPA in the previous years, given its importance as one of the most produced substances.

All the scientific results so far - on an international, European as well as national level - nevertheless allow for one final conclusion only: BPA has to be classified as harmless with respect to human health as well as the environment.

We would like to make special reference to the risk assessment carried out by the European Commission on BPA which was completed in June of the current year. This study has set new global standards in terms of its elaborateness and participation in the study included all the competent authorities of the European member states as well as producers and users of BPA.

This also applies to Germany and – in particular - to the German BfR in Berlin (Federal Institute for Risk Assessment), which continues to express its positive judgement on the harmlessness of BPA in view of the new studies and the accusations related therewith.

October, 2008

October 9, 2009

**Subject: Bisphenol-A (BPA) in Point-of Sales Receipt Papers**

Dear Customer,

This letter is to certify that Kanzaki Specialty Papers Inc. has several grades which contain a small amount of BPA in the Thermal Coating which is required for thermal activation characteristics. This small amount is considered non-toxic under normal conditions of use. Grades which contain BPA are P300, P300-2.0, P310, P350, P354, P530 and P534. Other grades such as P390 and P394 do not use this ingredient in the Thermal formula make-up.

In the past several OEM's have requested Toxicological testing to be performed on several of Kanzaki's grades which includes the above mentioned grades containing BPA. These tests were performed by independent laboratories involving:

Emission – “out-grassing” during the thermal imaging process

Skin Sensitization – Skin Sensitization Study of Thermal Paper in Guinea Pigs Using the Modified Buehler Method.

Dermal Testing – Acute Dermal Irritation Study of Thermal Paper in Rabbits.

In each case the grades tested were determined to be a non Skin Sensitizer, a non Dermal Irritant and “non-hazardous”.

If there are any further questions, please direct them to Kanzaki's Sales Department who in turn will contact the Environmental / Safety Department for answers to any questions or concerns.

Regards,



Peter Sawosik  
Vice President  
Operations.