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Bisphenol A (BPA) Fact Sheet

What is Bisphenol A (BPA)?

Bisphenol A (“BPA”) is an industrial chemical used to make polycarbonate plastic resins, epoxy resins and other products----plastics containing BPA have been in the market for more than 50 years.

BPA is used in small quantities on **some** direct thermal products as a developer that reacts with heat to produce the image. BPA is a low-cost developer that has been widely used in the direct thermal paper industry for many years.

BPA Study

The European Food Safety Authority (“EFSA”) is currently conducting an exhaustive review of BPA and its potential for adverse health effects from direct contact with food. EFSA experts are currently reviewing nearly 800 research studies on the substance. The preliminary finding from EFSA was a confirmation of its and other authorities’ previous assessments that concluded ***BPA posed no health hazards in food contact materials at current exposure levels, said Plastics Europe.*** EFSA is expected to deliver its final opinion on BPA in September, 2010.

A statement from ETPA (European Thermal Paper Association) pronounces that

“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”

To the best of our knowledge, there are currently no restrictions in the EU regarding the presence or content of BPA in products.

Do any Zebra products contain BPA?

Zebra has verified with its suppliers of direct thermal papers which products contain BPA and the Zebra product list is set forth below and on the following page.

BPA is used as an additive in several economy direct thermal products as follows:

- Z-Perform 1000D
- Z-Perform 1000D Removable
- Z-Perform 1000D High-Tack
- Z-Perform 1000D Deep-Freeze
- Z-Perform 1000D 110 Tag
- Z-Perform 1000D 60 Receipt
- Z-Perform 1000D 80 Receipt
- 8000D 10 Year Receipt

We have been advised that the following grades DO NOT contain BPA.

Z-Select 2000D
Z-Select 2000D Removable
Z-Select 2000D 60 Receipt
Z-Select 2000D 80 Receipt
8000D High-Temp Receipt
8000D Synthetic 110 Receipt
Z-Select 2000D 160 Tag
Z-Select 2000D 190 Tag
PolyPro 4000D
PolyPro 4000D Removable
EXP66782

Additional items will be added to our lists once we have final confirmation from suppliers regarding BPA content. For products not listed here, please contact us later for further information.

We will continue to monitor the results of the EFSA study expected to be issued in September. Should you require additional information, please feel free to contact me.



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