



Report Summary

Testing that we have done

All materials used in the making of the Digitsavers have been tested using a Thermo Niton Analyzer XRF (XL3t-31059). Testing was done by Hanna's Dream/CPSIA Partner (Sami & Diana Hanna). Testing was completed on February 9, 2009.

The XRF analyzer uses a technology known as x-ray fluorescence (XRF) spectrometry to detect certain chemical elements such as Lead, Cadmium, Chlorine, Bromine, Mercury, Arsenic, Barium, Chromium, Selenium, and Antimony as well as a few other metals. The analyzer also reports the presence of PVC plastic based on detection of chlorine.

Regarding Lead (16 C.F.R. 1303.1*)

As of February 10, 2009, the CPSI Act of 2008 requires that all products used by children ages 12 and under meet the legal limits for lead in the surface and the substrate material of all children's products. Under the new law, effective February 10, 2009 the lead limit for any children's product is 600 parts per million (ppm) total lead content by weight for any part of the product. The lead limit will be lowered again to 300 ppm total lead content by weight effective August 2009.

All materials used in producing the Digitsaver Pinch Guards, with the exception of the Purple Elastic used on the Dog Digitsaver, were found to be free of Lead and meet the requirements of the CPSI Act regarding Lead Limits as set forth in 16 C.F.R. § 1303.1.

This would include all material, tags, thread, plastic eyes, stuffing and elastic (with the exception of the purple elastic found on the Dog Digitsaver) which were used in the production of the Digitsavers.

Please note that, while lead was detected in the purple elastic, the levels fall far below the current as well as the proposed future limits and thereby this item also meets the requirement set forth in 16 C.F.R. 1303.1.

No further lead testing is required at this time and DIGITSAVER, LLC will work with the producing manufacturer on all future orders to eliminate all lead from the purple elastic as well so that all Digitsavers will be completely lead-free.

Regarding Phthalates (Section 108 of the CPSI Act of 2008)

Section 108 of the Consumer Product Safety Improvement Act of 2008 (CPSIA) permanently prohibits the sale of any "children's toy or child care article" containing more than 0.1 percent of three specified phthalates. Section 108 also prohibits on an interim basis "toys that can be placed in a child's mouth" or "child care articles" containing more than 0.1 percent of three additional phthalates. While the XRF Analyzer is not used in testing for Phthalates, products tested with the XRF Analyzer that have chlorine content above 10,000 ppm are very likely to be made primarily of PVC plastic. Flexible PVC plastic can contain plasticizers called phthalates. Therefore, detection of high levels of chlorine can be used to infer the possible presence of phthalates.

(<http://www.healthytoys.org.popup.chlorine.php>)

Based on the complete absence of Chlorine during the XRF testing, the Digitsaver Pinch Guards would not fall subject to the phthalate limits as there is no indication at all that any PVC material or phthalates exist in any of the Digitsaver Materials.

Therefore, no further testing is warranted at this time.

Regarding Other Chemicals/Metals (ASTM F973-07)

In addition to 16 C.F.R. § 1303.1 which lists the new Lead requirements for both surface and substrate materials in Children's items, the Consumer Product Safety Improvement Act also adopted the ASTM F973-07 levels for antimony, arsenic, cadmium, mercury, lead, and chromium as a mandatory standard.

The XRF Analyzer is only accepted as a test method for Lead. While the XRF does detect trace amounts of metals/chemicals found in products, it is NOT ACCURATE in determining the actual levels that exist for these metals/chemicals. Further third party testing using a "soluble method" may be warranted to make sure these are within safe, legal limits.

No traces of Cadmium, Mercury, Arsenic or Chromium were found.

Antimony was detected in some of the materials used to produce the Digitsavers and may require further testing.