



December 6, 2011

Mr. Gary Helwig  
Helwig Industries DBA WigJig  
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Re: Product Testing  
Project: WigJig

Submitted By: Mr. Gary Helwig  
Company: Helwig Industries DBA WigJig

LABORATORY REPORT: B1PT4191-1  
**Case Narrative**

On October 10, 2011, Armstrong Forensic Laboratory, Inc. (Armstrong) issued Laboratory Report B1PT4191-1 to Helwig Industries concerning the analyses of jewelry-making materials for the concentrations of lead and phthalates. Armstrong was requested to perform the analyses to determine compliance with the lead and phthalate requirements of California Proposition 65.

The products tested include WigJig Delphi (B1-4191A-001A) and WigJig Olympus Lite (B1-4191A-002A). The clear plastic components of the products were analyzed for lead and phthalates; the metal pins were analyzed for lead. The WigJig Centaur Lite (B1-4191A-003A) was reportedly made from the same materials as the WigJig Delphi and the product was held without analysis.

Low concentrations of lead were detected in the plastic and metal components tested. B1-4191A-001B and B1-4191A-001C show lead concentrations of 5.3 and 9.7 ppm, respectively. B1-4191A-002B and B1-4191A-002C show lead concentrations of 2.4 and 42 ppm, respectively. The lead concentrations present in the materials comply with the Consumer Product Safety Improvement Act (CPSIA) regulations for toys and child care products. The lead concentrations also comply with the California Proposition 65 lead restrictions for jewelry and fashion accessories.

No phthalates were detected in the analyses of the plastic components tested. The analyses establish the concentrations of phthalates are all below 0.1%, or 1,000 ppm. Based on the analyses performed, the WigJig products tested comply with both the CPSIA and California Proposition 65 phthalate restrictions for toys and child care articles.

It should be noted that neither the CPSIA nor California's Proposition 65 provide limits for lead and phthalates for all consumer products. Limits have only been established for certain product categories including toys, jewelry and fashion accessories.

Respectfully submitted,  
ARMSTRONG FORENSIC LABORATORY, INC.

Original signed by:

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