



REPORT NUMBER: WOAHO0002910N

REPORT DATE: February 26, 2009

TEST REPORT

CUSTOMER: American Paper Optics, LLC
3080 Bartlett Corporate Drive
Bartlett, TN 38133
USA
Attn: Paulo Aur

Product Name: 3D Glasses Components- 3D Blue (Cyan) Film
Age labeling: NA
Age grading: NA
Supplier: American Paper Optics, LLC
Sample received date: February 12, 2009
Date of testing ended: February 24, 2009

TEST CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

CONCLUSION:

| <u>Tested Samples</u> | <u>Standard</u> | <u>Result</u> |
|--|---|---|
| 3D Glasses Components- 3D Blue (Cyan) Film | 1. Lead in Substrate (CPSIA) 2. Phthalates | 1. Does Comply 2. Did Not Exceed the Limit |

PAGE 1/TO BE CONTINUED

TOTAL 4 PAGES

PREPARED BY:

SIGNED FOR THE COMPANY BY:

Julie A. Abrell
Account Manager

Ariel Weinstein
Quality Management Specialist

The test results stated in this report relate only to the item(s) tested. This test report may not be reproduced except in full, without written approval of Intertek.

Tests identified with an asterisk (*) have been subcontracted.

Intertek

545 E Algonquin Road, Suite F, Arlington Heights, Illinois 60005

Telephone: 847-439-5667 Fax: 847-439-6156



1. **Chemical Analysis:** Total Lead in Substrates

Procedure: Acid digestion per **EPA 3050B/3051** was used and the total lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Requirement: The lead content shall not exceed 600 ppm of any part of the product as required by the **Consumer Product Safety Improvement Act of 2008 (CPSIA 2008)**.

However, as of August 14, 2009, the limit for total lead content will be lowered to 300 ppm.

Sample ID: 3D Blue (Cyan) Film

Sample Utilized: Complete Product Digested

Test Results:

| Parameter | Results (ppm) | Limit (ppm) |
|-------------------|---------------|-------------|
| | 1 | |
| Total Lead | <10 | 600 |

| Component | Description |
|-----------|---------------------|
| 1 | 3D Blue (Cyan) Film |

Conclusion: When tested as specified, the submitted sample **does comply** with the requirements set forth in the **Consumer Product Safety Improvement Act of 2008 (CPSIA 2008/H.R. 4040)**, Title I, Section 101 for total lead content in substrates.



1. Chemical Analysis: Consumer Product Safety Improvement Act of 2008 – Sec. 108 Phthalate Content:

PHTHALATE BAN: - Beginning February 10th, 2009 it shall be unlawful for any person to manufacture for sale, offer for sale, distribute in commerce, or import into the United States any children’s toy or child care article that contains concentrations of more than 0.1 percent of di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), or benzyl butyl phthalate (BBP).

INTERIM PROHIBITION: - Beginning February 10th, 2009 and until a final rule is promulgated, it shall be unlawful for any person to manufacture for sale, offer for sale, distribute in commerce, or import into the United States any children’s toy that can be placed in a child’s mouth or child care article that contains concentrations of more than 0.1 percent of diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), or di-n-octyl phthalate (DnOP).

PROCEDURE: Sample extraction by Soxhlet (ASTM D3421); Ultrasonic; or Microwave method
Analysis: Gas Chromatographic-Mass Spectrometric (GC-MS)

REQUIREMENTS:

- DEHP, DBP, or BBP – not to exceed 0.1%
- Interim Prohibition - DINP, DIDP, or DnOP – not to exceed 0.1%

Sample ID: 3D Blue (Cyan) Film

| | RESULT (% (w/w)) | Limit(% (w/w)) |
|---------------------------------|---------------------|----------------|
| | 1 | |
| Dibutyl Phthalate (DBP) | ND | 0.1 |
| Butyl Benzyl Phthalate (BBP) | ND | 0.1 |
| Diethyl Hexyl Phthalate (DEHP) | ND | 0.1 |
| | | |
| Di-(n-octyl) Phthalate (DnOP) | ND | 0.1 |
| Di-(iso-nonyl) Phthalate (DINP) | ND | 0.1 |
| Di-(iso-decyl) Phthalate (DIDP) | ND | 0.1 |

| Component | Description |
|-----------|---------------------|
| 1 | 3D Blue (Cyan) Film |

**ND=Not Detected (<0.005%)

Conclusion: The submitted toy and / or Childcare article(s) **did not exceed** the limit for the Phthalates specified in the Section 108 (a) and (b) of the Consumer Product Safety Improvement Act of 2008.



End of Report