



**TECHNICAL REPORT**

**Report # 38319**

**TierraCast, Inc  
3177 Guerneville Road  
Santa Rosa, CA 95401**

**February 19, 2008**

**Requested By:** Steve Tierra  
**Authorization Received:** February 8, 2008  
**Country of Origin:** USA  
**Sample Name:** Noveau Bail  
**Model/Style #:** 94-5701-61  
**Supplier/Manufacturer:** TierraCast, Inc  
**Sample Received:** February 14, 2008  
**Number of Samples:** 3  
**Labeled Age Group:** Not Provided  
**Age Grading to be Applied:** Not Provided  
**Condition Received:** Good  
**Testing Completed:** February 15, 2008

**SUMMARY:**

**Chemical Analysis:**

EN71 Part III, Migration of Certain Elements

**RESULTS:**

DOES COMPLY

**Reviewed by:**

Richard W. Pantano  
Client Manager  
MWW

**Chemical:** Migration of Certain Elements (EN71 Part III:1994)  
**Coating paints, Varnishes, Lacquers, Printing inks, Plastic, Paper, Wood, Crayons, Modeling Clay, Finger Paints, Glass / Ceramics**

**Procedure:**

A test portion is mixed with 50 times its mass of an aqueous solution of 0.07N HCl. Check pH if greater than 1.5 adjust to a pH 1.5 or less with 2.0N HCl. Protect from light. Agitate the mixture for 1 hour at a temperature of  $37 \pm 2^{\circ}\text{C}$ . Allow the mixture to stand for 1 hour at  $37^{\circ}\pm 2^{\circ}\text{C}$ . Centrifuge or filter the mixture and examine the resulting solution to determine the presence and quantity of the appropriate elements specified below. Analysis is performed by using *ICAP Emission Spectroscopy*.

**Sample ID:**            **Noveau Bail, Style# 94-5701-61**

**Sample Utilized:**    **Complete Product Digested**

**Results:**

		<i>Results Soluble mg/kg</i>
		Sample
		1
<b>Element</b>	<b>Max Limit mg/kg</b>	<b>Noveau Bail, Style# 94-5701-61</b>
Antimony	60	<5.0
Arsenic	25	<2.5
Barium	1000	<5.0
Cadmium	75	<5.0
Chromium	60	<5.0
Lead	90	<5.0
Mercury	60	<5.0
Selenium	500	<5.0

**Conclusion:** When tested as specified, the submitted sample **does comply** with the requirements of *EN71 Part III:1994*.





**TECHNICAL REPORT**

**Report # 38320**

**TierraCast, Inc.  
3177 Guerneville Road  
Santa Rosa, CA 95401**

**February 18, 2008**

**Requested By:** Steve Tierra  
**Authorization Received:** February 8, 2008  
**Country of Origin:** USA  
**Sample Name:** 8 mm Twist Spacer  
**Model/Style #:** 94-5707-18  
**Supplier/Manufacturer:** TierraCast, Inc.  
**Sample Received:** January 28, 2008  
**Number of Samples:** 3  
**Labeled Age Group:** Not Provided  
**Age Grading to be Applied:** Not Provided  
**Condition Received:** Good  
**Testing Completed:** February 15, 2008

**SUMMARY:**

**Chemical Analysis:**

EN71 Part III, Migration of Certain Elements

**RESULTS:**

DOES COMPLY

**Reviewed by:**

Richard W. Pantano  
Client Manager  
MS

**Chemical:** **Migration of Certain Elements (EN71 Part III: 1994)**  
**Coating paints, Varnishes, Lacquers, Printing inks, Plastic, Paper, Wood, Crayons, Modeling Clay, Finger Paints, Glass / Ceramics**

**Procedure:**

A test portion is mixed with 50 times its mass of an aqueous solution of 0.07N HCl. Check pH if greater than 1.5 adjust to a pH 1.5 or less with 2.0N HCl. Protect from light. Agitate the mixture for 1 hour at a temperature of  $37 \pm 2^{\circ}\text{C}$ . Allow the mixture to stand for 1 hour at  $37^{\circ}\pm 2^{\circ}\text{C}$ . Centrifuge or filter the mixture and examine the resulting solution to determine the presence and quantity of the appropriate elements specified below. Analysis is performed by using *ICAP Emission Spectroscopy*.

**Sample ID:**               **8 mm Twist Spacer, Style # 94-5707-18**

**Sample Utilized:**       **Complete Product Digested**

**Results:**

		<i>Results Soluble mg/kg</i>
		Sample
		1
<b>Element</b>	<b>Max Limit mg/kg</b>	<b>8 mm Twist Spacer</b>
Antimony	60	8.0
Arsenic	25	3.4
Barium	1000	<5.0
Cadmium	75	<5.0
Chromium	60	<5.0
Lead	90	<5.0
Mercury	60	<5.0
Selenium	500	7.9

**Conclusion:** When tested as specified, the submitted sample **does comply** with the requirements of *EN71 Part III: 1994*.

