

General Tech Ltd.

QA Laboratory

Test Report

Report No. : CTR0936/2010

Date: April 7, 2010

Sample Description : 8 pieces of sample
Item Name : Multi Color Pinwheel
Item No. : #90342/90343
PO. No. : 000760
Labeled Age Group : Ages 3+
Packaging Provided by : No
Applicant
Country of Origin : China

Tests conducted:

As requested by the applicant, for details refer to attached page(s)

CONCLUSION:

| | | |
|-----------------------|--|---------------|
| <u>Tested samples</u> | <u>Standard-U.S. CPSIA-09/ California proposition 65</u> | <u>Result</u> |
| Submitted samples | <u>Total Lead Content—XRF test</u> | PASS |

Eric Cheng
QA Laboratory Supervisor

Eric Cheng
QA Laboratory Manager

Test results relate only to the samples tested. Test report shall not be reproduced except in full, without written approval of the laboratory.
General Tech Ltd.

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Test Report

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Tests Conducted

1 Total Lead Content—XRF test

1.1 Coating + Substrate

| | <u>RESULT IN ppm</u> | | | <u>LIMIT</u> |
|-----------------|----------------------|------------|------------|--------------|
| Components | <u>(1)</u> | <u>(2)</u> | <u>(3)</u> | <u>ppm</u> |
| Total lead (Pb) | <LOD | <LOD | <LOD | 90 |

< = Less Than

ppm =mg/kg

LOD = Limit of Detection

Test components: (1)red/(2)yellow/(3)blue coating of the multi color pinwheel.

1.2 Substrate

| | <u>RESULT IN ppm</u> | | | | <u>LIMIT</u> |
|-----------------|----------------------|------------|------------|------------|--------------|
| Components | <u>(1)</u> | <u>(2)</u> | <u>(3)</u> | <u>(4)</u> | <u>ppm</u> |
| Total lead (Pb) | <LOD | <LOD | <LOD | <LOD | 300 |

< = Less Than

ppm =mg/kg

LOD = Limit of Detection

Test components: (1)white plastic/pipe(2)white plastic/plug(3)silver/plastic streamer
(4)silver metal substrate of the multi color pinwheel.

Date sample received : Mar 30 , 2010

Testing period : Mar30 , 2010 to Apr 7 , 2010

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QA Laboratory

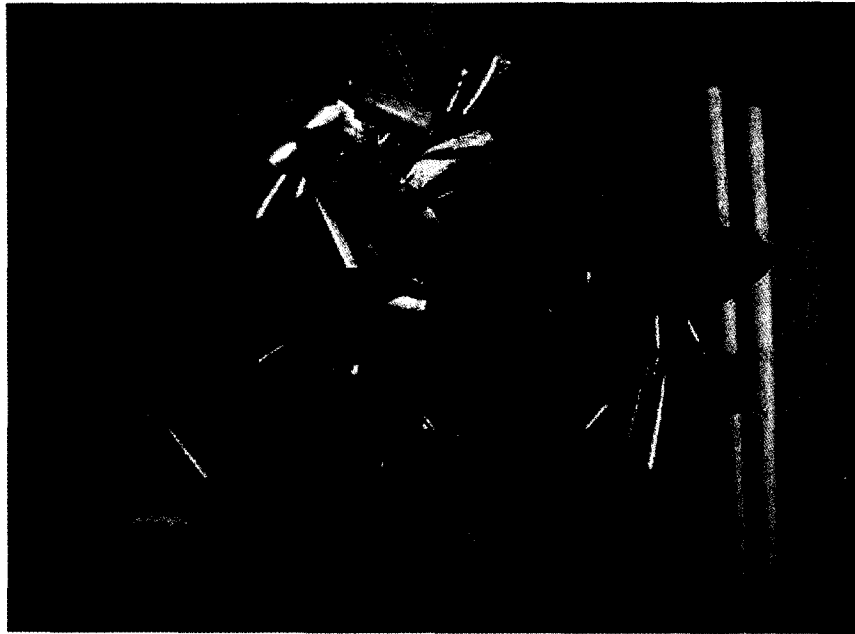
Test Report

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Tests Conducted

Sample Picture



End of Report

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General Tech Ltd.

CONSUMER PRODUCTS SERVICES DIVISION

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PASS

RESULT: PASS

| | | | |
|--|----------------------|--|--------------|
| Sample Description: | Multi color pinwheel | Sample Size: | 4pcs |
| Resource Name: | | Country of Origin: | CHINA |
| P.O. Number: | 000760 | Client Name/ Program: | |
| Manufacturer: | N/A | Vendor Style Number: | N/A |
| Mfr Address: | N/A | Order Number: | N/A |
| Labeled Age Grade: | N/A | Ship Date: | N/A |
| Appropriate Age Grade: | N/A | Item Number: | #90342/90343 |
| Tested Age Grade: | 3+ | Private Label: | N/A |
| Product Batch/Date Code: | N/A | 2nd Full Test Report | N/A |
| Retail Package Batch/Date Code: | N/A | | |
| UPC Code: | N/A | | |

EXECUTIVE SUMMARY

The sample(s) MEET the following requirement(s)

- U.S-ASTM-F963-Physical and mechanical tests
- U.S-ASTM-F963-Flammability test of materials other than textile materials

Remark:1.Lab not receive any packaging of the sample

2. No production date code on products.

GENERAL TECH LIMITED

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Manager

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This report is governed by and incorporates by reference, it is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings safety with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from the date of issuance of this report to notify us of any material error or omission caused by our negligence; provided however that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report. The tests conducted and the correctness of the report contents.

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EXPLANATION OF THE ABBREVIATIONS

| Symbol | Explanation | | | | |
|--------|---|--------|--------------------|--------|---------------------|
| NM | The sample(s) DOES NOT MEET the requirement of this Subclause | | | | |
| M | The sample(s) MEET the requirement of this Subclause | | | | |
| N/A | Not Applicable | | | | |
| NR | Not Requested | | | | |
| NE | Not Evaluated | | | | |
| NP | None Present | | | | |
| P | Present | | | | |
| R | Refer to Comment Section of this report | | | | |
| Symbol | Language Present | Symbol | Language Present | Symbol | Language Present |
| B | Belgian language | G | German language | PR | Portuguese language |
| D | Danish language | GR | Greek language | S | Spanish language |
| E | English language | H | Dutch language | SD | Swedish language |
| F | Finnish language | I | Italian language | SZ | Swiss language |
| FR | French language | N | Norwegian language | | |

1. Physical and mechanical tests

As per ASTM standard consumer safety specification for toy safety F963-08

| The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: | | |
|---|---------------------|------------------|
| <u>TEST</u> | <u>FHSA</u> | <u>PARAMETER</u> |
| Impact test | Section 1500.53 (b) | 4 X 3.0 ft |
| Torque test | Section 1500.53 (e) | 4 in-lbf |
| Tension test | Section 1500.53 (f) | 15 lbf |
| Compression test | Section 1500.53 (g) | 30 lbf |

| Section | Testing item | Assessment |
|---------|--|------------|
| 4.1 | Material Quality(Visual check on cleaningless) | M |
| 4.5 | Sound Producing Toys | N/A |
| 4.6 | Small Objects | N/A |
| 4.7 | Accessible Edges | M |
| 4.8 | Projections | N/A |
| 4.9 | Accessible Points | M |

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| | | |
|------|---|-----|
| 4.10 | Wires or Rods | N/A |
| 4.11 | Nails and Fasteners | N/A |
| 4.12 | Packaging Film | N/A |
| 4.13 | Folding Mechanisms and Hinges | N/A |
| 4.14 | Cords and Elastics in Toys | N/A |
| 4.15 | Stability and Over-Load requirements | N/A |
| 4.16 | Confined Spaces | N/A |
| 4.17 | Wheels,Tires,And Axles | N/A |
| 4.18 | Holes, Clearance, and Accessibility of Mechanisms | N/A |
| 4.19 | Simulated Protective Devices, such as Helmets, Hats and Goggles | N/A |
| 4.20 | Pacifiers | N/A |
| 4.21 | Projectile toys | N/A |
| 4.22 | Teethers and Teething Toys | N/A |
| 4.23 | Rattles | N/A |
| 4.24 | Squeeze Toys | N/A |
| 4.25 | Battery-Operated Toys | N/A |
| 4.26 | Toys Intended to be Attached to a Crib or Playpen | N/A |
| 4.27 | Stuffed and Beanbag-Type Toys | N/A |
| 4.28 | Stroller and Carriage Toys | N/A |
| 4.29 | Art Materials | N/A |
| 4.30 | Toy Gun Marking | N/A |
| 4.31 | Balloons | N/A |
| 4.32 | Certain Toys with Spherical Ends | N/A |
| 4.33 | Marbles | N/A |
| 4.34 | Balls | N/A |
| 4.35 | Pompoms | N/A |
| 4.36 | Hemispheric-Shaped Objects | N/A |
| 4.37 | Yo Yo Elastic Tether Toys | N/A |
| 4.38 | Magnets | N/A |
| 4.39 | Jaw Entrapment in Handles and Steering Wheels | N/A |
| 5 | Safety Labeling Requirements | N/A |
| 6 | Instructional literature | N/A |

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7 Producer's markings
 - Name of producer/Distributor (Toy) N/A
 - Address (Toy) N/A

Remark: The Submitted samples were undergone the tests in accordance with section 8.5 through section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

2 Flammability test

As per section 4.2 of the ASTM standard consumer safety specification on toy safety F 963-08

| <u>SAMPLE</u> | <u>IGNITION POINT</u> | <u>BURN LENGTH</u> (INCH) | <u>TIME</u> (SEC) | <u>ACTUAL BURN RATE</u> (INCH/SEC) | <u>LIMIT</u> (INCH/SEC) |
|-------------------------|-----------------------|------------------------------|----------------------|---------------------------------------|----------------------------|
| Multi color pinwheel | Head/End | 4-6 | 60 | 0. 07-1 | 0.10 |

The submitted toy samples and its accessories were tested, the above result only showed the most severe burn rate of the samples.

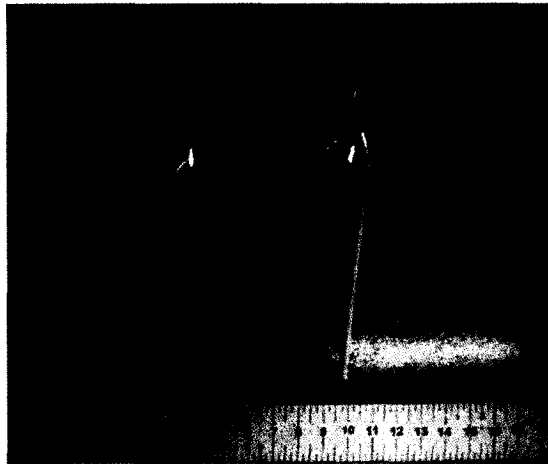
3 US-CPSIA Tracking Labels

Sec 103 Any children's product shall place permanent marks on the product and its packaging, to the extent practicable, that will enable the manufacturer and consumers to ascertain the identity of the manufacturer or private labeler, location and date of production, cohort information (including the batch, run number, or other identifying characteristic), and any other information determined by the manufacturer to identify the source of the product. N/A

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THE SAMPLE PICTURE



End of Report

General Tech Ltd.

CONSUMER PRODUCTS SERVICES DIVISION

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PASS

RESULT:PASS

Sample Description: MULTI COLOR PINWHEEL

| | | | |
|---------------------------------|--------|---------------------------------------|--------------|
| Resource Name: | | Sample Size: | 4PCS+4PCS |
| P.O.Name: | 000760 | Country of Origin: | CHINA |
| Manufacturer: | N/A | Client Name /Program: | |
| Mfr Address: | N/A | Vendor Style Number: | N/A |
| Labeled Age Grade: | 3+ | Order Number: | CTR0936 |
| Appropriate Age Grade: | 3+ | Ship Date: | N/A |
| Tested Age Grade: | 3+ | Item Number: | #90342/90343 |
| Product Batch/Date Code: | N/A | Private Label: | N/A |
| Retail Package Batch/Date Code: | N/A | 2 nd Full Test Report No.: | N/A |
| UPC Code: | N/A | Testing Stage: | N/A |

TEST :

- CPSIA'S Total Lead content
- CPSIA'S DEHP,DBP ,BBP, DINP, DIDP and DNOP phthalates content
- California phthalates content

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The sample(s) MEETS the following requirement(s):

1. The total lead content of the non-metal substrate material in CPSIA's requirement.
2. The phthalates content requirements of the California.
3. The phthalates content DEHP,DBP ,BBP, DINP, DIDP and DNOP of CPSIA'S requirements " Standard consumer safety specification for toy safety",

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RESULTS:

CPSIA'S / ASTM F963-08 TOTAL LEAD CONTENT IN SURFACE COATING

Test Method: EPA 3051 acid digestion followed by Inductively Coupled Plasma Spectrometry

| Element: | | | Lead | |
|---|----------------|-------|---------|------------|
| Requirement: Maximum allowable limit: (mg/kg) | | | 90mg/kg | |
| Sample Description | | | Result | Conclusion |
| Color / Component | Location | Style | (mg/kg) | |
| A | Red coating | | LT 5 | Pass |
| B | Blue coating | | LT 5 | Pass |
| C | Yellow coating | | LT 5 | Pass |
| D | Silver coating | | LT 5 | Pass |

CPSIA'S TOTAL LEAD CONTENT IN NON-METAL SUBSTRATE MATERIALS

Test Method: EPA 3051 acid digestion followed by Inductively Coupled Plasma Spectrometry

| Element: | | | Lead | |
|---|---------------------------|-------|----------|------------|
| Requirement: Maximum allowable limit: (mg/kg) | | | 300mg/kg | |
| Sample Description | | | Result | Conclusion |
| Color / Component | Location | Style | (mg/kg) | |
| E | Transparent color plastic | | LT 10 | Pass |
| F | White pipe | | LT 10 | Pass |
| G | Beige plastic | | LT 10 | Pass |

LT Less Than mg/kg milligrams per kilogram (ppm = parts per million)

* Average of duplicate analyses

Remark:

In some cases, the tested component cannot be tested individually due to overlapped coatings.

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RESULTS:

1. CALIFORNIA PROP 65 PHTHALATES CONTENT REQUIREMENTS

2. CPSIA'S DBP ,BBP, DEHP,DNOP,DINP and DIDP PHTHALATES CONTENT REQUIREMENTS

| Color / Component | | Location | Style |
|-------------------|---------------------------|----------|-------|
| A | Red coating | | |
| B | Blue coating | | |
| C | Yellow coating | | |
| D | Silver coating | | |
| E | Transparent color plastic | | |
| F | White pipe | | |
| G | Beige plastic | | |

| Test | DEHP | DBP | BBP | DINP | DIDP | DNOP | DNHP | Conclusion |
|------------|------------|----------|----------|----------|----------|----------|----------|------------|
| Parameter: | | | | | | | | |
| Limit (%): | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | |
| Sample | Result (%) | | | | | | | |
| A | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | pass |
| B | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | pass |
| C | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | pass |
| D | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | pass |
| E | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | pass |
| F | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | pass |
| G | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | LT 0.005 | pass |

Detection Limit:

BBP = Benzyl butyl phthalate(0.005%)
 DBP = Dibutyl phthalate(0.005%)
 DEHP = Diethyl hexyl phthalate(0.005%)
 DINP = Di-iso-nonyl phthalate(0.005%)
 DNHP = Dihexyl phthalate(0.005%)

DNOP = Di-n-octyl phthalate(0.005%)
 DIDP = Di-iso-decyl phthalate(0.005%)
 LT = Less than
 ND = None detection

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THE SAMPLE PICTURE



END OF REPORT
