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TEST REPORT

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STR(T) REPORT NO. T-982293 UPDATED
DATE: JAN. 14, 1999

QUALITY ASSURANCE TEST REPORT

Prepared For: The Chenille Kraft Company
P.O. Box 269, 65 Ambrosio Drive, Gurnee,
IL 60031
Attention of: Pat McEller - National Sales Manager

3360

Contact:
Tel / Fax

ITEMS TESTED:

Neon Glitter / Glitter Glue Pens / Neon Glitter Glue Pens / Curly Hair
The vendor supplied 12 samples for each item without the final package on Nov. 17, 1998, and the testing is authorized to proceed on Nov. 21, 1998. The final package for each item was submitted on Jan. 08, 1999.

Age Grading: 3 years and up
Date of initial tests conducted: Nov. 23 - 30, 1998
Date of tests conducted for the final package: Jan. 08 - 13, 1999

TESTS PERFORMED:

- 1.0 MECHANICAL SAFETY TESTING for all ages per 16 CFR, AND ASTM F963-96a
- 2.0 FLAMMABILITY EVALUATION
- 3.0 CHEMICAL ANALYSES
 - 3.1 Heavy Metals Analysis - Glitter Glue / Neon Glitter Glue
 - 3.2 CONEG Regulations on Packaging Material
- 4.0 LABELING REVIEW

SUMMARY OF TEST RESULTS:

{ X } PASS
{ } FAIL

REMARK: THE TEST RESULTS RELATE ONLY TO THE SAMPLES TESTED.

FOR AND ON BEHALF OF
STR (TAIWAN) LTD.

AUTHORIZED BY
STR (TAIWAN) LTD.

Nancy Liu
NANCY LIU - CHEMIST

Janet Ciro
JANET CIRO - QA MANAGER



SPECIALIZED TECHNOLOGY RESOURCES (TAIWAN) LTD.

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TEST RESULTS**1.0 PHYSICAL/MECHANICAL TESTING:**

1.1 DROP IMPACT TEST: ASTM F963, SEC. 8.7.1, 16 CFR 1500.51

CRITERIA: SHALL NOT HAVE POTENTIALLY HAZARDOUS SHARP POINTS, SHARP EDGES AND SMALL PARTS AFTER TEN TIMES DROP ONTO A TILE COVERED CONCRETE FLOOR FROM A HEIGHT OF 4.5 FEET.

RESULTS: ALL ITEMS PASSED THE SET REQUIREMENT.

1.2 TORQUE/TENSION TEST: ASTM F963 SEC. 8.8 / 8.9 / 16 CFR 1500.53

CRITERIA: SHALL NOT HAVE POTENTIALLY HAZARDOUS SHARP POINTS, SHARP EDGES AND SMALL PARTS AFTER APPLYING A TORQUE OF FOUR INCH POUNDS FOR TEN SECONDS OR FROM APPLYING A PULLING FORCE OF FIFTEEN POUNDS FOR TEN SECONDS.

RESULTS: ALL ITEMS PASSED THE SET REQUIREMENT.

1.3 SHARP EDGES: ASTM F963 SEC. 4.7 / 16 CFR 1500.49

CRITERIA: SHALL NOT HAVE ACCESSIBLE, POTENTIALLY HAZARDOUS SHARP EDGES.

RESULTS: ALL ITEMS PASSED THE SET REQUIREMENT.

1.4 SHARP POINTS: ASTM F963 4.8 / 16 CFR 1500.48

CRITERIA: SHALL NOT HAVE ACCESSIBLE, POTENTIALLY HAZARDOUS SHARP POINTS.

RESULTS: ALL ITEMS PASSED THE SET REQUIREMENT.

1.5 SMALL PARTS: ASTM F963 4.6 / 16 CFR 1501

CRITERIA: THERE SHALL BE NO ACCESSIBLE SMALL PARTS THAT COMPLETELY FIT INTO THE SMALL PARTS CYLINDER, EITHER BEFORE OR AFTER USE AND ABUSE TESTING.

RESULTS: THE CAPS OF ALL NEON GLITTER CONTAINERS, GLITTER GLOBE CONTAINERS, AND NEON GLUE CONTAINERS ARE SMALL PARTS IN ORIGINAL STATE, THEREFORE THEY ARE RECOMMENDED TO BE LABELED "NOT FOR CHILDREN UNDER 3 YEARS" (THE PACKAGE WAS RECEIVED ON JAN. 03, 1999, AND THE AGE GRADING IS AS RECOMMENDED).

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TEST RESULTS

2.0 FLAMMABILITY EVALUATION

CRITERIA: THE BURN RATE OF PRODUCT SHALL NOT EXCEED 0.1 INCH/SECOND WHEN TESTED IN ACCORDANCE WITH 16 CFR 1500.44.

RESULT: ALL ITEMS PASSED THE SET REQUIREMENT.

CURLY HAIR (4 COLORS) AVERAGE 0.058 IN./SEC. NEON GLITTER (CONTAINER) AVERAGE: 0.04 IN./SEC. GLITTER GLUE PEN CONTAINER ALL DID NOT IGNITE.

3.0 CHEMICAL ANALYSES

3.1 HEAVY METALS ANALYSIS

CRITERIA: THE SAMPLES SHALL MEET THE HEAVY METALS LIMITS IN ACCORDANCE WITH ASTM F963-96a. THE TEST RESULTS AND LIMITS ARE LABELED IN PARTS PER MILLION (PPM).

RESULTS:

ELEMENTS	LIMITS	GLITTER GLUE
TOTAL LEAD	600	<12.5
SOLUBLE LEAD	90	<3.0
SOLUBLE CADMIUM	75	<1.0
SOLUBLE BARIUM	1000	<10.0
SOLUBLE CHROMIUM	60	<1.5
SOLUBLE MERCURY	60	<1.0
SOLUBLE ARSENIC	25	<2.0
SOLUBLE ANTIMONY	60	<3.0
SOLUBLE SELENIUM	500	<5.0

ELEMENTS	LIMITS	NEON GLITTER GLUE
TOTAL LEAD	600	<12.5
SOLUBLE LEAD	90	<3.0
SOLUBLE CADMIUM	75	1.1
SOLUBLE BARIUM	1000	<10.0
SOLUBLE CHROMIUM	60	<1.5
SOLUBLE MERCURY	60	<1.0
SOLUBLE ARSENIC	25	<2.0
SOLUBLE ANTIMONY	60	<3.0
SOLUBLE SELENIUM	500	<5.0

NOTE: PPM = PARTS PER MILLION

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TEST RESULTS**3.2 CONEG REGULATIONS ON PACKAGING MATERIAL (CARTON)**

CRITERIA: ALL PACKAGING MATERIALS SHALL COMPLY WITH THE CONEG REQUIREMENTS THAT ALL PACKAGING OR PACKAGING COMPONENTS HAVE LESS THAN OR EQUAL TO 100 PPM TOTAL CONCENTRATION OF LEAD, MERCURY, CADMIUM, AND HEXAVALENT CHROMIUM. THE LIMITS AND RESULTS ARE LABELED IN PARTS PER MILLION (PPM).

RESULTS:**KEYS TO SAMPLES:**

SAMPLE 1 - PACKAGE (COLOR CARD) FOR NEON GLITTER
 SAMPLE 2 - PACKAGE (COLOR CARD) FOR GLITTER BLUE PENS
 SAMPLE 3 - PACKAGE (COLOR CARD) FOR CURLY HAIR

ELEMENTS	LIMITS	SAMPLE 1	SAMPLE 2	SAMPLE 3
LEAD (Pb)	100	<12.5	<12.5	<12.5
MERCURY (Hg)	100	<5.0	<5.0	<5.0
CADMIUM (Cd)	100	8.5	11.5	12.3
HEXAVALENT CHROMIUM (Cr)	100	<7.5	21.5	<7.5
Pb + Hg + Cd + Cr	100	<33.5	<50.5	<37.3

Note: "<" means "less than".

4.0 LABELING REVIEW:

CRITERIA: PRODUCER'S OR DISTRIBUTOR'S NAME AND ADDRESS WITH THE COUNTRY OF ORIGIN SHOULD BE PRESENT ON THE PRODUCT OR ON THE PACKAGE. THE PRODUCT SHALL MEET ALL LABELED CLAIMS.

RESULT : DISTRIBUTOR'S NAME AND ADDRESS ARE PRESENT ON THE PACKAGE, AS WELL AS THE COUNTRY OF ORIGIN. ALSO, THE AGE GRADING IS PRESENT ON THE PACKAGE; ALL ITEMS ARE LABELED FOR 3 YEARS AND UP.

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