

CR RECLOSABLE CAP FOR A SEAM ROLLED METAL CAN

**Senior Adult Test
Sequential Child Test
CPSC 16 CFR PART 1700.20**

**Date
October 21, 2016**

Prepared by

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**For
*N2Packaging Systems, LLC
2349 Kimberly Rd., Ste C
Kimberly, ID 83341***

These test results are based solely on the samples provided by N2Packaging Systems, LLC for testing purposes. This test report shall not be reproduced except in full, without the written approval of Child Related Research, Inc. Only authorized parties can reproduce this test report.

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SUMMARY:

Packaging Studied:

CR Reclosable Cap for a Seam Rolled Metal Can

Results:

The following table summarizes the studies completed and the results obtained:

| Study | Results | Acceptance Criteria |
|-------------------------------------|---------|------------------------------|
| Senior Adult Test (100 Adults) | 96% | Minimum 90% |
| Sequential Child Test (50 Children) | 94% | Minimum 90% (50-child Panel) |

Conclusion:

One hundred senior adults were tested according to the CPSC protocol to determine if they could open and properly close the package. 96% of the senior adults were able to open and properly close the package. Fifty children were also tested according to the CPSC protocol to determine if they could open the package; 94% failed to do so. These test results are based solely on the samples provided by N2Packaging Systems, LLC for testing purposes. This test report shall not be reproduced except in full, without the written approval of Child Related Research, Inc. Only authorized parties can reproduce this test report.

This package, as described above, meets the Federal standards for safety required by the Poison Prevention Packaging Act of 1970, a standard promulgated by the Consumer Product Safety Commission as one which reasonably protects children from entering packaging that would contain potentially harmful substances. (16 CFR Part 1700.20, July 21, 1995)

Respectfully submitted,



Michael S. Buie
CEO

MSB/dk

N2PACKAGING SYSTEMS, LLC



CR Reclosable Cap for a Seam Rolled Metal Can

PROTOCOL TEST REPORT

Study Conducted For: N2Packaging Systems, LLC
22349 Kimberly Rd., Ste C
Kimberly, ID 83341

Packaging Studied: CR Reclosable Cap for a Seam Rolled Metal Can

Sample Preparation: Samples were opened and closed 10 times prior to testing with children.

Number of Samples Tested: Each child was given one metal can.

Opening Instructions: LINE UP ARROWS AND PUSH UP WITH THUMBS.

Type of Study: Senior Adult Test (100 Adults)
Sequential Child Test (50 Children)

Date Study Completed: October 11, 2016

Testing Procedures: Using established procedures, 100 senior adults, ages 50 to 70 years, distributed into three age groups (50-54 years, 25%; 55-59 years, 25%; 60-70 years, 50%; 70% Female and 30% Male) and 50 children between the ages of 42 to 51 months, distributed between three age groups (42-44 Months, 30%; 45-48 Months 40%; 49-51 Months 30%; 50% Male and 50% Female with a 10% preponderance allowed) were tested according to the Consumer Product Safety Commission's protocol. (16 CFR Part 1700.20, July 21, 1995)

Testing Conditions: The children were tested in pairs. The children were facing the tester with no visual barrier between the pair of children.

Opening Demonstration: An opening demonstration was performed after the first five minute test period if either of the pair of children had not opened his or her package. To conduct the opening demonstration, the tester asked the children to set their packages aside so that their full attention was on the tester. The tester held the separate demonstration package approximately two feet from the children and opened the package at a normal speed, as if the tester were going to use the contents. There were no exaggerated opening movements. The tester did not describe or discuss how to open the package.

Definition of a Failure: Senior Adult:
Any adult who was unable to open the package within five minutes during the 1st test period, or was unable to open and properly close the package within one minute during the 2nd test period, but was able to pass the screening test, was counted as a failure.

Sequential Child:
Any child who was able to remove the lid, thus gaining access to the contents during the ten minutes of testing, was counted as a failure.

Final Test Results: For a package to meet the effectiveness criteria of 16 CFR Part 1700.20, at least 90 percent of the adults must be able to open the package in the first five minute test period, and be able to open and properly close the package in the second one minute test period; in addition at least 94 percent of the children must be unable to open the package within the first 5-minute test period (before demonstration), and at least 90 percent of the children must be unable to open the package by the end of the second 5-minute test period (accumulative) in a 50 child sequential study.

Senior Adult:
1st Five Minute Test 99%
2nd One Minute Test 96%

Sequential Child:
Before Demonstration 96%
Accumulative 94%

STUDY METHODOLOGY

SENIOR ADULTS:

TEST PANEL

Senior adults were selected for participation in accordance with the requirements of section 1700.20(a)(3)(i).

| PANELISTS (Required/Actual) | | | |
|------------------------------------|--------------|----------------|--------------|
| Age in Years | Males | Females | Total |
| 50-54 | (7- 8)/ 7 | (17-18)/18 | (25)/ 25 |
| 55-59 | (7- 8)/ 8 | (17-18)/17 | (25)/ 25 |
| 60-70 | (15)/ 15 | (35)/ 35 | (50)/ 50 |
| Totals | (30)/ 30 | (70)/ 70 | (100)/100 |

SITES

Section 1700.20(a)(3)(i) limits the number of senior adults tested at each site to 24% of the total senior adults tested.

| SITES | | |
|------------------|--------------------------------|--|
| Site Code | Number of Adults Tested | Percentage of Adults Tested (Not to exceed 24%) |
| 2001 | 20 | 20% |
| 2031 | 19 | 19% |
| 1089 | 16 | 16% |
| 1129 | 16 | 16% |
| 2020 | 15 | 15% |
| 2030 | 10 | 10% |
| 2122 | 4 | 4% |
| Total Sites: 7 | Total Adults: 100 | 100% |

TESTERS

Section 1700.20 (a) (3) (i) limits the number of senior adults each individual tester may test to 35% of the total senior adults tested.

| TESTERS | | |
|------------------|-------------------------|--|
| Tester Code | Number of Adults Tested | Percentage of Adults Tested (Not to exceed 35%) |
| 72 | 29 | 29% |
| 76 | 24 | 24% |
| 9002 | 19 | 19% |
| 9000 | 17 | 17% |
| 9007 | 7 | 7% |
| 9015 | 4 | 4% |
| Total Testers: 6 | Total Adults: 100 | 100% |

EFFECTIVENESS OF THE PACKAGE:

A total of 96 senior adults (96%) successfully gained entry during the two test periods. Ninety-nine senior adults (99%) successfully gained entry during the 1st five minute test period. Ninety-six senior adults (96%) successfully gained entry during the 2nd one minute test period.

| SUCCESSFUL OPENINGS | | | | | | | |
|---|--------|-------|-----|--|--------|-------|-----|
| 1 st Five Minute Test Period | | | | 2 nd One Minute Test Period | | | |
| Male | Female | Total | % | Male | Female | Total | % |
| 30 | 69 | 99 | 99% | 29 | 67 | 96 | 96% |

| SENIOR ADULT FAILURES | | | | | | |
|-----------------------|--------|---|------------|--|------------|-------------------|
| Age | Sex | 1 st Five Minute Test Period | | 2 nd One Minute Test Period | | Mode of Failure** |
| | | Opening | Resecuring | Opening | Resecuring | |
| 50 | Male | 0:41 | 0:05 | 0:12 | 0:04 | 151 |
| 58 | Female | 0:10 | 0:03 | Gave up at 0:29 | N/A | 011, 152 |
| 67 | Female | Gave up at 1:07 | N/A | N/A | N/A | 011, 152 |
| 68 | Female | 1:36 | 0:04 | 1:09 | 0:06 | 012 |

Key:
011 – Gave up.
012 – Opened package but went over time limit.
151 – Could not resecure plastic lid properly.
152 – Could not push up on arrows.

| OPENING AND RESECURING TIMES | | | | |
|-------------------------------------|---------------------------------|------------|---------------------------------|------------|
| | 1st 5 Minute Test Period | | 2nd 1 Minute Test Period | |
| | Opening | Resecuring | Opening | Resecuring |
| AVERAGE | 0:33 | 0:05 | 0:18 | 0:04 |
| MINIMUM | 0:07 | 0:01 | 0:03 | 0:01 |
| MAXIMUM | 1:52 | 0:20 | 0:50 | 0:15 |
| STANDARD DEVIATION | 0:21 | 0:03 | 0:11 | 0:02 |

CHILDREN (Sequential Test):

TEST PANEL

Children were selected for participation in accordance with the requirements of section 1700.20(a)(2)(i).

| PANELISTS (Required/Actual) | | | |
|------------------------------------|--------------|----------------|--------------|
| Age in Months | Males | Females | Total |
| 42-44 | (7-8) / 8 | (7-8) / 7 | (15)/15 |
| 45-48 | (9-11) / 11 | (9-11) / 9 | (20)/20 |
| 49-51 | (7-8) / 8 | (7-8) / 7 | (15)/15 |
| Totals | (23-27) / 27 | (23-27) / 23 | (50)/50 |

SITES

Section 1700.20 (a)(2)(i)(A) limits the number of children tested at each site to 20% of the total children tested.

| SITES | | |
|------------------|----------------------------------|--|
| Site Code | Number of Children Tested | Percentage of Children Tested (Not to exceed 20%) |
| 1049 | 6 | 12% |
| 1056 | 6 | 12% |
| 1140 | 6 | 12% |
| 1200 | 6 | 12% |
| 1141 | 4 | 8% |
| 1144 | 4 | 8% |
| 1253 | 4 | 8% |
| 1301 | 4 | 8% |
| 1352 | 4 | 8% |
| 1490 | 4 | 8% |
| 1429 | 2 | 4% |
| Total Sites: 11 | Total Children: 50 | 100% |

TESTERS

Section 1700.20(a)(2)(iii) limits the number of children each individual tester may test to 30% of the total children tested.

| TESTERS | | |
|------------------|---------------------------|---|
| Tester Code | Number of Children Tested | Percentage of Children Tested (Not to exceed 30%) |
| 9007 | 14 | 28% |
| 76 | 12 | 24% |
| 9000 | 12 | 24% |
| 9015 | 12 | 24% |
| Total Testers: 4 | Total Children: 50 | 100% |

EFFECTIVENESS OF THE PACKAGE:

A total of three children (6%) successfully gained entry during the ten minute test. Two children (4%) gained entry during the 1st 5 minute test period in a mean time of 2:02. One child (2%) successfully gained entry during the 2nd 5 minute test period.

A total of 47 children (94%) did not gain entry.

| SUCCESSFUL OPENINGS | | | | | | | | | | |
|---------------------|----------------------|--------|-------|----|---------------------|--------|-------|----|-------|----|
| Age in Months | Before Demonstration | | | | After Demonstration | | | | Total | |
| | Male | Female | Total | % | Male | Female | Total | % | No. | % |
| 42-44 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0% |
| 45-48 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0% |
| 49-51 | 1 | 1 | 2 | 4% | 1 | 0 | 1 | 2% | 3 | 6% |
| Total | 1 | 1 | 2 | 4% | 1 | 0 | 1 | 2% | 3 | 6% |

| CHILD FAILURES | | | |
|----------------|--------|--------------|-----------------|
| Age in Months | Sex | Time to Open | Mode of Opening |
| 49 | Female | 1:19 | 601 |
| 49 | Male | 2:44 | 601 |
| 49 | Male | 6:46 | 601 |

Key:
601 – Lifted edge of plastic lid with teeth.

MISCELLANEOUS DATA:

Forty-seven children used their teeth during the testing.

TESTING DATA

SENIOR ADULT (AGES 50-70 YEARS)

CHILD RELATED RESEARCH, INC.

CLIENT: N2PACKAGING SYSTEMS, LLC

STUDY: CR RECLOSABLE CAP FOR A SEAM ROLLED METAL CAN

| AGE | SEX | 1st 5 MINUTE TEST PERIOD | | | | 2nd 1 MINUTE TEST PERIOD | | | | MODE OF FAILURE |
|-----|-----|--------------------------|-----------------|------------|--------------|--------------------------|-----------------|------------|--------------|-----------------|
| | | OPENING TIME | RESECURING TIME | TOTAL TIME | PASS OR FAIL | OPENING TIME | RESECURING TIME | TOTAL TIME | PASS OR FAIL | |
| 50 | FM | 1:07 | 0:06 | 1:13 | PASS | 0:38 | 0:05 | 0:43 | PASS | |
| 50 | FM | 1:52 | 0:10 | 2:02 | PASS | 0:45 | 0:05 | 0:50 | PASS | |
| 50 | FM | 0:47 | 0:06 | 0:53 | PASS | 0:17 | 0:05 | 0:22 | PASS | |
| 50 | FM | 0:40 | 0:06 | 0:46 | PASS | 0:18 | 0:09 | 0:27 | PASS | |
| 50 | M | 0:41 | 0:05 | 0:46 | PASS | 0:12 | 0:04 | 0:16 | FAIL | 151 |
| 50 | M | 0:14 | 0:03 | 0:17 | PASS | 0:15 | 0:03 | 0:18 | PASS | |
| 50 | M | 0:15 | 0:03 | 0:18 | PASS | 0:17 | 0:04 | 0:21 | PASS | |
| 51 | FM | 0:31 | 0:04 | 0:35 | PASS | 0:19 | 0:03 | 0:22 | PASS | |
| 51 | FM | 0:14 | 0:04 | 0:18 | PASS | 0:22 | 0:04 | 0:26 | PASS | |
| 51 | FM | 1:32 | 0:08 | 1:40 | PASS | 0:14 | 0:04 | 0:18 | PASS | |
| 52 | FM | 0:16 | 0:03 | 0:19 | PASS | 0:19 | 0:04 | 0:23 | PASS | |
| 52 | FM | 0:19 | 0:03 | 0:22 | PASS | 0:10 | 0:02 | 0:12 | PASS | |
| 52 | FM | 0:29 | 0:04 | 0:33 | PASS | 0:15 | 0:03 | 0:18 | PASS | |
| 52 | M | 0:10 | 0:07 | 0:17 | PASS | 0:07 | 0:06 | 0:13 | PASS | |
| 52 | M | 0:29 | 0:04 | 0:33 | PASS | 0:11 | 0:03 | 0:14 | PASS | |
| 53 | FM | 0:23 | 0:07 | 0:30 | PASS | 0:11 | 0:06 | 0:17 | PASS | |
| 54 | FM | 0:27 | 0:04 | 0:31 | PASS | 0:14 | 0:04 | 0:18 | PASS | |
| 54 | FM | 0:17 | 0:05 | 0:22 | PASS | 0:13 | 0:04 | 0:17 | PASS | |
| 54 | FM | 0:44 | 0:05 | 0:49 | PASS | 0:14 | 0:06 | 0:20 | PASS | |
| 54 | FM | 0:15 | 0:04 | 0:19 | PASS | 0:11 | 0:04 | 0:15 | PASS | |
| 54 | FM | 0:20 | 0:04 | 0:24 | PASS | 0:16 | 0:03 | 0:19 | PASS | |
| 54 | FM | 0:13 | 0:10 | 0:23 | PASS | 0:09 | 0:03 | 0:12 | PASS | |
| 54 | FM | 0:38 | 0:07 | 0:45 | PASS | 0:10 | 0:04 | 0:14 | PASS | |
| 54 | M | 0:21 | 0:05 | 0:26 | PASS | 0:06 | 0:02 | 0:08 | PASS | |
| 54 | M | 0:12 | 0:03 | 0:15 | PASS | 0:10 | 0:03 | 0:13 | PASS | |

2nd 1 MINUTE TEST PERIOD

1st 5 MINUTE TEST PERIOD

| AGE | SEX | 1st 5 MINUTE TEST PERIOD | | | 2nd 1 MINUTE TEST PERIOD | | | MODE OF FAILURE | | |
|-----|-----|--------------------------|-----------------|------------|--------------------------|-----------------|------------|-----------------|------|------|
| | | OPENING TIME | RESECURING TIME | TOTAL TIME | OPENING TIME | RESECURING TIME | TOTAL TIME | | | |
| 55 | FM | 0:19 | 0:04 | 0:23 | PASS | PASS | 0:13 | 0:03 | 0:16 | PASS |
| 55 | FM | 0:54 | 0:03 | 0:57 | PASS | PASS | 0:12 | 0:03 | 0:15 | PASS |
| 55 | FM | 0:32 | 0:04 | 0:36 | PASS | PASS | 0:27 | 0:05 | 0:32 | PASS |
| 55 | FM | 0:39 | 0:07 | 0:46 | PASS | PASS | 0:30 | 0:06 | 0:36 | PASS |
| 55 | FM | 0:48 | 0:03 | 0:51 | PASS | PASS | 0:22 | 0:03 | 0:25 | PASS |
| 56 | FM | 0:36 | 0:04 | 0:40 | PASS | PASS | 0:19 | 0:02 | 0:21 | PASS |
| 56 | FM | 0:31 | 0:06 | 0:37 | PASS | PASS | 0:22 | 0:04 | 0:26 | PASS |
| 56 | FM | 0:27 | 0:10 | 0:37 | PASS | PASS | 0:34 | 0:08 | 0:42 | PASS |
| 56 | FM | 0:28 | 0:05 | 0:33 | PASS | PASS | 0:23 | 0:03 | 0:26 | PASS |
| 56 | M | 1:33 | 0:04 | 1:37 | PASS | PASS | 0:09 | 0:04 | 0:13 | PASS |
| 56 | M | 0:38 | 0:06 | 0:44 | PASS | PASS | 0:13 | 0:05 | 0:18 | PASS |
| 56 | M | 0:21 | 0:03 | 0:24 | PASS | PASS | 0:06 | 0:03 | 0:09 | PASS |
| 57 | FM | 0:39 | 0:04 | 0:43 | PASS | PASS | 0:16 | 0:03 | 0:19 | PASS |
| 57 | FM | 0:17 | 0:03 | 0:20 | PASS | PASS | 0:21 | 0:03 | 0:24 | PASS |
| 57 | FM | 0:18 | 0:02 | 0:20 | PASS | PASS | 0:33 | 0:07 | 0:40 | PASS |
| 57 | FM | 0:19 | 0:14 | 0:33 | PASS | PASS | 0:34 | 0:04 | 0:38 | PASS |
| 57 | FM | 0:08 | 0:02 | 0:10 | PASS | PASS | 0:08 | 0:01 | 0:09 | PASS |
| 57 | M | 0:16 | 0:03 | 0:19 | PASS | PASS | 0:13 | 0:03 | 0:16 | PASS |
| 57 | M | 0:09 | 0:04 | 0:13 | PASS | PASS | 0:09 | 0:06 | 0:15 | PASS |
| 58 | FM | 0:34 | 0:06 | 0:40 | PASS | PASS | 0:15 | 0:05 | 0:20 | PASS |
| 58 | FM | 0:10 | 0:03 | 0:13 | PASS | PASS | 0:05 | 0:01 | 0:06 | FAIL |
| 58 | M | 0:07 | 0:01 | 0:08 | PASS | PASS | 0:05 | 0:02 | 0:06 | PASS |
| 59 | FM | 0:16 | 0:02 | 0:18 | PASS | PASS | 0:04 | 0:02 | 0:06 | PASS |
| 59 | M | 1:14 | 0:13 | 1:27 | PASS | PASS | 0:21 | 0:06 | 0:27 | PASS |
| 59 | M | 0:30 | 0:03 | 0:33 | PASS | PASS | 0:38 | 0:03 | 0:41 | PASS |
| 60 | FM | 0:31 | 0:10 | 0:41 | PASS | PASS | 0:14 | 0:06 | 0:20 | PASS |
| 60 | FM | 0:21 | 0:03 | 0:24 | PASS | PASS | 0:05 | 0:05 | 0:10 | PASS |
| 60 | FM | 0:21 | 0:03 | 0:24 | PASS | PASS | 0:05 | 0:04 | 0:09 | PASS |
| 60 | M | 0:11 | 0:05 | 0:16 | PASS | PASS | 0:05 | 0:03 | 0:08 | PASS |

011.152

| AGE | SEX | 1st 5 MINUTE TEST PERIOD | | | | 2nd 1 MINUTE TEST PERIOD | | | | |
|-----|-----|--------------------------|-----------------|------------|--------------|--------------------------|-----------------|------------|--------------|-----------------|
| | | OPENING TIME | RESECURING TIME | TOTAL TIME | PASS OR FAIL | OPENING TIME | RESECURING TIME | TOTAL TIME | PASS OR FAIL | MODE OF FAILURE |
| 61 | FM | 0:49 | 0:08 | 0:57 | PASS | 0:10 | 0:03 | 0:13 | PASS | |
| 61 | FM | 0:44 | 0:05 | 0:49 | PASS | 0:20 | 0:03 | 0:23 | PASS | |
| 61 | FM | 0:52 | 0:04 | 0:56 | PASS | 0:26 | 0:03 | 0:29 | PASS | |
| 61 | FM | 0:21 | 0:04 | 0:25 | PASS | 0:14 | 0:03 | 0:17 | PASS | |
| 61 | FM | 0:33 | 0:08 | 0:41 | PASS | 0:42 | 0:03 | 0:45 | PASS | |
| 61 | M | 0:55 | 0:04 | 0:59 | PASS | 0:24 | 0:06 | 0:30 | PASS | |
| 61 | M | 0:19 | 0:20 | 0:39 | PASS | 0:35 | 0:04 | 0:39 | PASS | |
| 61 | M | 0:15 | 0:03 | 0:18 | PASS | 0:09 | 0:02 | 0:11 | PASS | |
| 62 | M | 0:20 | 0:04 | 0:24 | PASS | 0:16 | 0:04 | 0:20 | PASS | |
| 63 | FM | 0:36 | 0:05 | 0:41 | PASS | 0:11 | 0:03 | 0:14 | PASS | |
| 63 | FM | 0:33 | 0:04 | 0:37 | PASS | 0:50 | 0:09 | 0:59 | PASS | |
| 63 | FM | 0:26 | 0:04 | 0:30 | PASS | 0:13 | 0:03 | 0:16 | PASS | |
| 63 | FM | 0:33 | 0:07 | 0:40 | PASS | 0:48 | 0:05 | 0:53 | PASS | |
| 63 | M | 0:18 | 0:03 | 0:21 | PASS | 0:39 | 0:06 | 0:45 | PASS | |
| 64 | FM | 0:46 | 0:08 | 0:54 | PASS | 0:13 | 0:15 | 0:28 | PASS | |
| 64 | FM | 0:25 | 0:02 | 0:27 | PASS | 0:23 | 0:03 | 0:26 | PASS | |
| 64 | FM | 0:28 | 0:03 | 0:31 | PASS | 0:23 | 0:03 | 0:26 | PASS | |
| 64 | FM | 0:49 | 0:07 | 0:56 | PASS | 0:25 | 0:05 | 0:30 | PASS | |
| 64 | M | 1:07 | 0:03 | 1:10 | PASS | 0:03 | 0:02 | 0:05 | PASS | |
| 65 | FM | 0:28 | 0:04 | 0:32 | PASS | 0:16 | 0:03 | 0:19 | PASS | |
| 65 | FM | 0:17 | 0:02 | 0:19 | PASS | 0:17 | 0:02 | 0:19 | PASS | |
| 65 | FM | 0:16 | 0:07 | 0:23 | PASS | 0:21 | 0:06 | 0:27 | PASS | |
| 65 | FM | 0:39 | 0:05 | 0:44 | PASS | 0:24 | 0:14 | 0:38 | PASS | |
| 65 | M | 1:12 | 0:03 | 1:15 | PASS | 0:22 | 0:06 | 0:28 | PASS | |
| 66 | FM | 0:13 | 0:07 | 0:20 | PASS | 0:17 | 0:04 | 0:21 | PASS | |
| 66 | FM | 0:49 | 0:05 | 0:54 | PASS | 0:27 | 0:05 | 0:32 | PASS | |
| 66 | FM | 0:25 | 0:05 | 0:30 | PASS | 0:20 | 0:09 | 0:29 | PASS | |
| 66 | FM | 0:21 | 0:04 | 0:25 | PASS | 0:35 | 0:05 | 0:40 | PASS | |
| 66 | M | 0:20 | 0:03 | 0:23 | PASS | 0:12 | 0:03 | 0:15 | PASS | |

| AGE | SEX | 1st 5 MINUTE TEST PERIOD | | | | 2nd 1 MINUTE TEST PERIOD | | | | MODE OF FAILURE |
|-----|-----|--------------------------|-----------------|------------|--------------|--------------------------|-----------------|------------|--------------|-----------------|
| | | OPENING TIME | RESECURING TIME | TOTAL TIME | PASS OR FAIL | OPENING TIME | RESECURING TIME | TOTAL TIME | PASS OR FAIL | |
| 67 | FM | 1:07 | | | FAIL | 0:20 | | | | 011.152 |
| 67 | FM | 0:37 | 0:05 | 0:42 | PASS | 0:04 | 0:04 | 0:24 | PASS | |
| 67 | M | 0:13 | 0:06 | 0:19 | PASS | 0:08 | 0:04 | 0:12 | PASS | |
| 68 | FM | 0:33 | 0:04 | 0:37 | PASS | 0:09 | 0:03 | 0:12 | PASS | |
| 68 | FM | 0:32 | 0:07 | 0:39 | PASS | 0:24 | 0:06 | 0:30 | PASS | |
| 68 | FM | 1:36 | 0:04 | 1:40 | PASS | 1:09 | 0:06 | 1:15 | FAIL | 012 |
| 68 | M | 0:38 | 0:06 | 0:44 | PASS | 0:07 | 0:04 | 0:11 | PASS | |
| 68 | M | 0:34 | 0:13 | 0:47 | PASS | 0:09 | 0:07 | 0:16 | PASS | |
| 69 | FM | 1:26 | 0:06 | 1:32 | PASS | 0:14 | 0:08 | 0:22 | PASS | |
| 69 | FM | 0:26 | 0:13 | 0:39 | PASS | 0:11 | 0:05 | 0:16 | PASS | |
| 69 | FM | 0:20 | 0:02 | 0:22 | PASS | 0:07 | 0:02 | 0:09 | PASS | |
| 69 | FM | 0:10 | 0:04 | 0:14 | PASS | 0:05 | 0:03 | 0:08 | PASS | |
| 69 | FM | 0:41 | 0:10 | 0:51 | PASS | 0:06 | 0:02 | 0:08 | PASS | |
| 69 | M | 0:19 | 0:03 | 0:22 | PASS | 0:05 | 0:02 | 0:07 | PASS | |
| 69 | M | 0:22 | 0:03 | 0:25 | PASS | 0:13 | 0:03 | 0:16 | PASS | |
| 70 | FM | 1:15 | 0:20 | 1:35 | PASS | 0:47 | 0:07 | 0:54 | PASS | |
| 70 | M | 1:04 | 0:07 | 1:11 | PASS | 0:28 | 0:05 | 0:33 | PASS | |

Mode of Failure: 011 - Gave up.

012 - Opened package but went over time limit

151 - Could not resecure plastic lid properly

152 - Could not push up on arrows

TESTING DATA

CHILDREN (AGES 42-51 MONTHS)

CHILD RELATED RESEARCH, INC.

CLIENT: N2PACKAGING SYSTEMS, LLC

STUDY: CR RECLOSABLE CAP FOR A SEAM ROLLED METAL CAN

| AGE | SEX | TEETH USED? | TIME OF FAILURE | MODE OF OPENING |
|-----|-----|-------------|-----------------|-----------------|
| 42 | FM | YES | | |
| 42 | M | NO | | |
| 42 | M | YES | | |
| 42 | M | YES | | |
| 42 | M | YES | | |
| 43 | FM | YES | | |
| 43 | FM | YES | | |
| 43 | FM | YES | | |
| 43 | FM | YES | | |
| 43 | FM | YES | | |
| 43 | M | YES | | |
| 43 | M | YES | | |
| 43 | M | YES | | |
| 44 | FM | YES | | |
| 44 | M | YES | | |
| 45 | FM | YES | | |
| 45 | FM | YES | | |
| 45 | FM | YES | | |
| 45 | M | YES | | |
| 45 | M | YES | | |
| 46 | FM | YES | | |
| 46 | FM | YES | | |
| 46 | M | YES | | |
| 46 | M | YES | | |
| 46 | M | YES | | |

| AGE | SEX | TEETH USED? | TIME OF FAILURE | MODE OF OPENING |
|-----|-----|-------------|-----------------|-----------------|
| 47 | FM | YES | | |
| 47 | FM | YES | | |
| 47 | FM | NO | | |
| 47 | M | YES | | |
| 47 | M | YES | | |
| 47 | M | YES | | |
| 47 | M | YES | | |
| 48 | FM | YES | | |
| 48 | M | YES | | |
| 48 | M | YES | | |
| 49 | FM | YES | | |
| 49 | FM | YES | 1:19 | 601 |
| 49 | FM | YES | | |
| 49 | FM | YES | | |
| 49 | M | YES | | |
| 49 | M | YES | | |
| 49 | M | YES | 2:44 | 601 |
| 49 | M | YES | | |
| 49 | M | YES | 6:46 | 601 |
| 50 | FM | YES | | |
| 50 | FM | YES | | |
| 50 | M | YES | | |
| 51 | FM | NO | | |
| 51 | M | YES | | |
| 51 | M | YES | | |
| 51 | M | YES | | |

Mode of Opening 601 - Lifted edge of plastic lid with teeth