



TESTING
NO. 1457

November 7, 2000

Mark Branson
Rexam Closures
3245 Kansas Road
Evansville, IN 47711-9611
USA

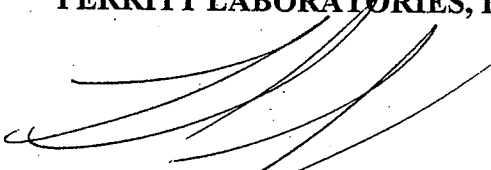
Dear Mr. Branson,

Herein is our report titled "Evaluation of the 38mm F.G. Closure on a 120cc HDPE Round Bottle for Child-Resistant Effectiveness for Rexam Closures."

The test unit was evaluated using the Consumer Product Safety Commission Protocol and Standards. The study indicates the test unit fulfills the requirements for Child-Resistant Effectiveness as per the current Code of Federal Regulations (C.F.R.) Title 16, Part 1700.

After you have had an opportunity to read the report, I shall be pleased to review it with you.

Sincerely,
PERRITT LABORATORIES, INC.



Richard A. Ward
Vice President
Consumer Product Testing

I. SUMMARY

Report to: Mark Branson
Rexam Closures
3245 Kansas Road
Evansville, IN 47711-9611
USA

Date: November 7, 2000

Samples of: 38mm F.G. Closure on a 120cc HDPE Round Bottle

Contract No.: 1110-157

Samples Received: September 6, 2000

Submitted by: Mark Branson

Objective

The client submitted the above sample for a study to determine if the unit is in compliance with the Consumer Product Safety Commission's (CPSC) current protocol and standards for child-resistant effectiveness as per the Code of Federal Regulations (C.F.R.) Title 16, Part 1700.

Procedures

The protocol for the evaluation of packaging for child-resistance (current C.F.R. Title 16, Part 1700) was strictly adhered to for this study.

Panelists

In the course of this study 50 children (42 to 51 months of age) were employed. Seniors (50 to 70 year-olds, 70% female) were not employed, though their inclusion is stipulated in the regulation.

Results

Results of the study indicate that **the 38mm F.G. Closure on a 120cc HDPE Round Bottle fulfills the standards for child-resistant effectiveness** according to current C.F.R. Title 16, Part 1700.

Rexam Closures
1110-157
November 7, 2000

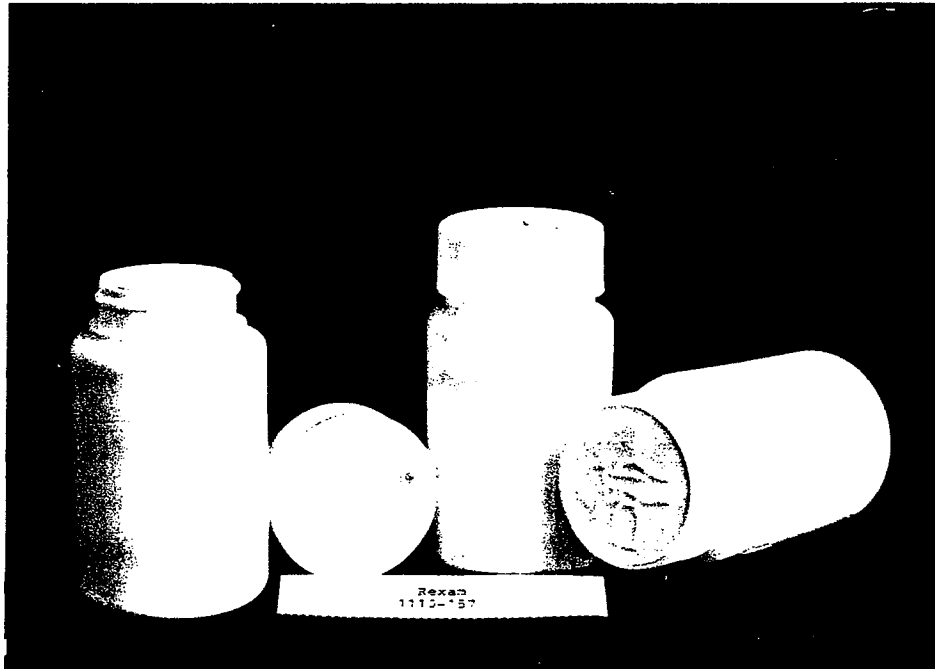


Figure 1
38mm F.G. Closure on a 120cc HDPE Round Bottle

V. RESULTS AND DISCUSSION

Results of this study appear in the tables section of the report. These tables represent a compilation of all data obtained during the study. For clarity in presentation and discussion of this information, the following features will be used as the major points of discussion:

- * Child-resistant effectiveness
- * Meeting current Code of Federal Regulations Title 16, Part 1700.

Child-resistant effectiveness

Results of the package evaluation by the 50 child panelists appear in Table 1 of the report. From this table it will be noted that 2 children were successful in opening the packaging before demonstration and 2 children were successful in opening the packaging following a demonstration for a total of 4 successful child panelists. This represents a child-resistant effectiveness of 92%.

Meeting current C.F.R. Title 16, Part 1700.

The 38mm F.G. Closure on a 120cc HDPE Round Bottle fulfills the standards for child-resistant effectiveness according to current C.F.R. Title 16, Part 1700.

Rexam Closures
1110-157
November 7, 2000

**EVALUATION OF THE 38MM F.G. CLOSURE ON A 120CC HDPE ROUND BOTTLE
AS A CHILD-RESISTANT PACKAGE FOR REXAM CLOSURES.**

Table 1. Package opening test evaluated by children 42 to 51 months of age for child resistant effectiveness.

Age in Months	Successful Panelists							
				Before Demonstration		After Demonstration		
	Males	Females	Total	Males	Females	Males	Females	Total
42-44	7	8	15	0	0	0	0	0
45-48	10	10	20	0	1	1	1	3
49-51	8	7	15	1	0	0	0	1
Totals	25	25	50	1	1	1	1	4

CHILD-RESISTANT EFFECTIVENESS = 92.00%