



CLIENT: PLUMBERX SPECIALTY PRODUCTS, INC.

P.O. Box 1684
Palm Springs, CA 92263
Gabriel Lechuga

Test Report No: 1038576

Date: June 25, 2007

SAMPLE ID: The Client submitted the following foam plastic insulation that is used in the manufacture of Plumberex's Handy-Shield and Trap Gear undersink protectors as test material.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on June 12, 2007.

TESTING PERIOD: June 13, 2007.

AUTHORIZATION: Testing authorized by Gabriel Lechuga.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-07, "Standard Method of Test for Surface Burning Characteristics of Building Materials," in order to measure surface burning characteristics of the Handy-Shield and Trap Gear products as installed. The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Density</u>
	25	450
	For detailed results see page 2.	

Tested by

Brian Ortega
Brian Ortega
Test Technician

**Signed for and on behalf of
SGS U.S. Testing Company Inc.**

Greg Banasky
Greg Banasky
Supervisor Fire Technology

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PREPARATION AND CONDITIONING: **PREPARATION AND CONDITIONING:** The sample material was submitted in one piece, 22" wide by 24' long. The sample was supported by 2" hexagonal mesh poultry netting and 1/4" round metal rods placed at two foot intervals across the width of the test chamber.

E 84 TEST DATA SHEET:

CLIENT: PLUMBERX SPECIALTY PRODUCTS, INC. DATE: 06/12/07

SAMPLE: foam plastic insulation that is used in the manufacture of Plumberex's Handy-Shield and Trap Gear undersink protectors

FLAME SPREAD:

IGNITION: 5 seconds

FLAME FRONT: 4.5 feet maximum

TIME TO MAXIMUM SPREAD: 28 seconds

TEST DURATION: 10 minutes

CALCULATION: 43.95 X 0.515 = 22.63

SUMMARY: **FLAME SPREAD: 25 SMOKE DENSITY: 450**

OBSERVATIONS: Sample surface ignition was observed at 5 seconds. A flame front advance of 4.5 feet was observed at 28 seconds.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<u>NFPA CLASS</u>	<u>UBC CLASS</u>	<u>FLAME SPREAD</u>	<u>SMOKE DENSITY</u>
A	I	0 through 25	Less than or equal to 450
B	II	26 through 75	Less than or equal to 450
C	III	76 through 200	Less than or equal to 450

BUILDING CODES CITED:

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 1994 Edition.
2. Uniform Building Code, 1994 Edition, Chapter 8, Interior Finishes, Sections 801-807.

End of Report