

July 6, 2005

BASF Corp.  
Ms. Christine Morey  
Styrenic Foams Div.  
100 Campus Drive  
Florham Park, NJ 07932

Our Reference: R5817 / 05NK07317

Subject: Report On Ignition Properties Tests

Dear Ms. Morey:

This Report summarizes the data developed on samples provided and subjected to the flame test described in ASTM D1929-91.

**GENERAL:**

Preliminary investigations are initiated to obtain information with respect to a product or products prior to submittal to Underwriters Laboratories Inc. for Investigation, Classification and Follow-Up Service. This Report does not constitute evidence of such a submittal to Underwriters Laboratories Inc.

**METHOD:**

The samples were tested in accordance with ASTM D1929-91 "Standard Test Method for Ignition Properties of Plastics." ASTM D1929 covers a laboratory determination of the flash ignition temperature and spontaneous ignition temperature of plastics using a hot-air furnace. This standard should be used to measure and describe the response of materials, products or assemblies to heat and flame under controlled conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire hazard assessment or factors, which are pertinent to an assessment of the fire hazard or fire risk of a particular end use.

**SAMPLES:**

The samples utilized in this investigation were neither prepared nor selected by a Laboratories' representative such that no verification of composition can be provided.

The samples consisted of foam material designated Korean made F material and Mexican made BFL material.



**RESULTS:**

The results as tabulated below are considered applicable only to the specific samples tested.

IGNITION PROPERTIES

<u>Designation</u>	<u>Minimum Flash Ignition Temperature</u>	<u>Minimum Self Ignition Temperature</u>
Korean F	410°C	490°C
Mexican BFL	410°C	490°C

**SUMMARY:**

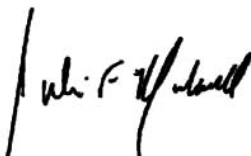
The Classification Marking of Underwriters Laboratories Inc. on the product is the only method provided by Underwriters Laboratories Inc. to identify products which have been produced under its Classification and Follow-Up Service. No use of a Classification Marking has been authorized as a result of this investigation.

Since the anticipated work has been completed, we have instructed our Accounting Department to terminate the investigation and invoice you for the charges incurred to date.

Should you have any questions, please contact the undersigned.

Very truly yours,

Reviewed by,



JULIE MARSHALL (Ext. 42028)  
CAS Specialist I  
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Lead Engineering Associate  
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