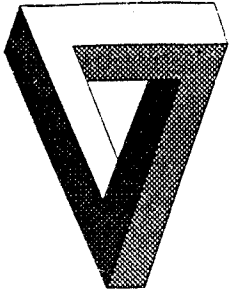


ASTM D1929 TESTING
ON
EXPANDABLE POLYSTYRENE
(EPS) FOAMS
FOR
NOVA CHEMICALS, INC.
APRIL 21, 2000
VTEC# 100-1137-1 THRU 3



VTEC Laboratories Inc.

April 21, 2000

Introduction

Client: Nova Chemicals, Inc.
400 Frankfort Road.
Monaca, PA 15061

Attention: Ms. Tricia Guevara

Scope: This report contains the reference to the test method, preparation and conditioning of sample, description of material, test and post test observation data, and test results.

Test Method: This test was conducted in accordance with ASTM D1929, "Standard Test Method for Ignition Properties of Plastics".

Disclaimer

This is a factual report of the results obtained from the laboratory test of sample products. The results may be applied only to the products tested and should not be construed as applicable to other similar products of the manufacturer. The report is not a recommendation or a disapprobation by VTEC Laboratories, Inc. of the material tested. While this report may be used for obtaining product acceptance, it may not be used in advertising.

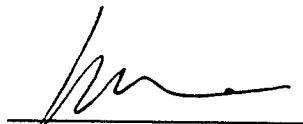
Notice: VTEC Laboratories Inc. Will not be liable for any loss or damage resulting from use of the data in this report, in excess of the invoice. This report pertains to the sample tested only. Such report shall not be interpreted to be a warranty, either expressed or implied as to the suitability or fitness of said sample for such uses or applications, as the party contracting for the report may apply such sample.

Material Tested:


- 1) Supplier: Nova Chemicals, Inc.
- 2) Product Description: Expandable polystyrene (EPS) foam.
All samples contain 0.3 to 0.5 percent of a brominated flame retardant.
- 3) Color: White
- 4) Surface: Rough
- 5) Sample Selection: Supplier
- 6) Material Description By: Supplier and VTEC
- 7) Date of Selection: 4/18/00
- 8) Purpose of Test: Ignition Characteristics
- 9) Method of Sample Mounting: Standard

Test Results:

<u>Description</u>	<u>Flash-Ignition (Temperature)</u>	<u>Self-Ignition (Temperature)</u>
M77B 1.0 pcf	430°C	530°C
33 MB 1.0 pcf	420°C	520°C



Neil Schultz
Executive Director



Amirudin Rahim
Technical Director