



ZHEN HUA TRADING LTD

Technical Report: (5107)288-0104 Revision
Date Received: October 15, 2007

November 1, 2007
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Sample Description:	CHARCOAL BRIQUETS / INSTANT LIGHT CHARCOAL	Sample Size:	1
Vendor:	ZHEN HUA TRADING LTD	Style No(s):	N/A
Manufacturer:	BBQ MASTER, INC.	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	CHINA
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Tested Age Grade:	N/A		
UPC Code:	N/A		

SUBJECT:

Analysis of one charcoal sample for spontaneous combustion.

EXECUTIVE SUMMARY:

According to the "Recommendations on the Transport of Dangerous Goods" issued by United Nations, substances which are liable to spontaneous heating under normal conditions encountered in transport, or to heating up in contact with air, and being then liable to catch fire are classified Division 4.2 of Class 4.

Dangerous self-heating or spontaneous ignition did not occur with the sample in a 100-mm sample cube at 140°C. This is indicated by a 60°C rise in temperature over 1 24 hour period. Therefore, the sample is not subjected to the regulations in Division 4.2.

EXPERIMENTAL:

The sample was analyzed according to United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria, Section 33.3.1.3.3.

Note: Revision due to change of sample description and additional information to the rating column.

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Evaluation

Spontaneous
Combustion

Citation / Method

According to the "Recommendations on the Transport of Dangerous Goods" issued by the United Nations, the charcoal briquets in a 100-mm sample cube are put into a container. It will be observed over a 24 hour period, and the temperature will be recorded.

Criteria

If there is a 60C rise in the temperature over the 24 hour period, it means that there will be dangerous self-heating or spontaneous ignition.

If there is no 60C rise in the temperature over the 24 hour period, dangerous self-heating or spontaneous ignition would not occur.

Rating

Temperature increase: There was no temperature increase over a 24 hour period.