SPECIFICATION DATA

1. Product Name
Foam it Green® Foam it 12, 102, 202 and 602 Class I Disposable Foam Kits

2. Manufacturer
A&B Filling, Inc.
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3. Product Description
Foam it Green® Foam it 12 Class I, 102 Class I, 202 Class I, and 602 Class I are disposable, closed-cell, low-pressure spray foam kits consisting of two chemical components (Component A: isocyanate and Component B: polyol blend), patented U-Control dispensing gun, two multi-purpose mixing nozzles (System 12) or ten multi-purpose mixing nozzles (Systems 102, 202 and 602), nitrile gloves, and packet of petroleum jelly. These systems contain a flame retardant formula, meeting requirements of ASTM E-84 as a Class I product. They do not require any external power source.

4. Technical Data
Foam it Green® Foam it 12, 102, 202 and 602 Class I have the following physical properties:

DENSITY (ASTM D1622):	
Free Rise	1.75 lb/f^3
In Place	2.0 lb/f^3
R FACTOR at 1" thickness (ASTM C518):	6.7
COMPRESSIVE STRENGTH (ASTM D1621):	15.9 psi (parallel)
WATER ABSORPTION (ASTM D2842):	
% Volume Change / Lbs/Ft^2	2.96% / 0.46
CLOSED CELL CONTENT (ASTM D2856):	>95%
DIMENSIONAL STABILITY (ASTM D2842):	
% Volume Change, 158°F, 100 RH, 7 days	3.13
% Volume Change, -80°F, 7 days	-0.29
DIMENSIONAL STABILITY (ASTM D2126):	
% Volume Change, 158°F, 100 RH, 7 days	2.01
% Volume Change, -60°F, 7 days	-0.42
TEMPERATURE TOLERANCE:	
High Temperature Tolerance	250° F
Low Temperature Tolerance	-250° F
AIR BARRIER PROPERTIES at 75 Pa (ASTM E283):	0.005 L/s/m^2
PERM RATING at 1" / at 3" (ASTM E96):	3.70 Perms / 1.83 Perms
TENSILE STRENGTH (ASTM D1623):	36.14 psi
FLAMESPREAD at 2" thickness (ASTM E84):	20
SMOKE DEVELOPED at 2"thickness (ASTM E84):	300
FUNGI RESITANCE (ASTM G21)	No Growth
TACK FREE TIME:	30-40 seconds
RISE TIME:	30-40 seconds
YIELD:	
System 12 Class I	1 f^3	12 f^2 @ 1" thick
System 102 Class I	9 f^3	108 f^2 @ 1" thick
System 202 Class I	16.5 f^3	200 f^2 @ 1" thick
System 602 Class I	50 f^3	600 f^2 @ 1" thick

- Foam it Green® products do not contain any CFC's, Penta-BDE's, VOC's, or Urea-Formaldehyde.

- Published yields are theoretical and vary based on several factors, including ambient conditions and specific application.

- Always use recommended personal protective equipment when using polyurethane foam products. Refer to the Material Safety Data Sheet for additional information on safe use and handling of Foam it Green® Systems.

5. Code Compliances

Foam it Green® Class I systems comply with the following codes:

- National Fire Protection Association – per NFPA 286 testing, cured product can be left exposed in a non-fire-resistant-rated roof/wall juncture, when applied at a maximum 6" high and 2" deep (unlimited width).