

*Sauterback*

*05720*

FOR APPROVAL	
DATE	<i>8/27/87</i>
L.D.A.	

**620693623**

Author's File Copy.

also, list of pcc's appear  
only on Lutschalk's copy &  
Author's File Copy for  
future referral.

Lynne

620693624



CONFIDENTIAL

August 26, 1987

Mr. Robert Tieke  
Vice President - Manufacturing  
IPC Dennison  
530 West Main Street  
Rogersville, Tennessee 37857

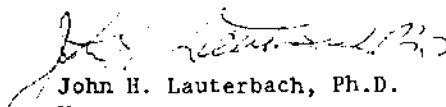
Dear Bob:

Thank you very much for providing us with the press time for the printing of the moisture-indicating closures. We are very much appreciative of the efforts of Mr. Darryl Alvis and his group in printing these closures.

We are currently in the early stages of evaluating the performance of these closures; however, one of the two sets of closures that were printed with an ink formulated in 80/20 ethanol/ethyl acetate (V-2-26) is exhibiting better color-change properties than the other two inks. When this ink was printed, the dryer temperature was set at 175°F. Mr. Alvis expressed some concerns about printing this ink at this temperature with normal inks on a production basis due to the possibility of paper shrinkage and subsequent loss of registration. Was registration a problem when the closures were slit and punched? In order to obtain a sustainable supply of the active ingredient, we may have to purchase material that contains approximately 20% water. This would result in an ink solvent system which would be approximately 80/10/10 ethanol/ethyl acetate/water. Could this system be run on a production basis?

We also appreciate your concerns about the need for a top lacquer on the moisture-indicating closures. In the near future, we will be diluting the top lacquers that you gave us and coating them on the printed closures. If the top lacquers do not interfere with the moisture-indicating properties, we would want to have the next press run of closures top lacquered.

Sincerely yours,



John H. Lauterbach, Ph.D.  
Manager  
Materials Research

JHL/1a/416

05720

BCC: J. N. Jewell  
M. L. Reynolds  
C. C. Neff  
W. L. Tucker  
R. T. Lewis  
K. A. Flaherty  
F. K. St. Charles  
C. B. Jenkins

620693626