**Monsanto**

FROM (NAME & LOCATION) N. W. Touchette - St. Louis Organic Research

DATE : May 12, 1969

SUBJECT : Borden/Arabol Division

REFERENCE : Work Request 69-55

TO : K. A. Wells
KWELL

cc: M. W. Farrar Res.
J. R. Darby Res.
W. F. Waychoff WWAYC
J. K. Lilly JLILL
C. Paton CPATO
C. P. Farley/P. R. Graham CFARL
W. E. Schalk WSCHA
J. A. Cannon Res.
A. W. M. Ooaker Res.
R. H. Mills Res.

Adhesives

Santicizer 835 does not perform as well as dibutyl phthalate in Borden's Polyco 761 emulsion resin in film formulation at low temperatures. We obtained four-degree difference between the two products. I hope you can place the proper interpretation upon this four degree spread in MFT for your customer's use.

We also tested at a higher plasticizer level the above but could not reduce the temperature sufficiently to distinguish between the two plasticizers.

The details are given below:

| | | | | |
|---|---|---|---|---|
| Polyco 761 | 95 | 95 | 90 | 90 |
| Santicizer 835 | 5 | - | 10 | - |
| DBP | - | 5 | - | 10 |
| MFT, ° F | 45 | 41 | <36 | <36 |

We hope this helps convert the customer to S-835.

John
N. W. Touchette

Time: 24 Hours

jp

DSW 586940

IN-30 REV. 11-65

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