Monsanto

FROM (NAME & LOCATION) C. D. Bias - St. Louis Organic Research - S. Second St.

DATE : August 22, 1969

SUBJECT : HOT MELT ADHESIVES
"PER SE" HEAT STABILITY

REFERENCE :

TO : Cumming Paton - CPATO

cc: M. W. Farrar - Res. 1
[redacted]
W. F. Waychbff - WWAYC
J. K. Lilly JLILL
C. P. Farley/P.R.Grahm - CFARL
J. A. Cannon - Res. 3
A.W.M. Coaker - Res. 3
R. H. Mills - Res. 3
N. W. Touchette - Res. 3

We have compared "per se" heat stability of Aroclor 5460 versus various other resin modifiers. Samples were heated in an open beaker in an oven at 400°F. Color comparisons were made with a Gardner Colorimeter. Results were:

	TIME (Hours)					
	0	1/4	1/2	1	2	4
Aroclor 5460	5	5	7	7	8	8
Sta Tac 100	10	10	15	16	16	16
Sta Tac B	10	11	14	15	15	15
Wingtack 95	9	9	11	11	11	12
Nevex 100	12	14	14	14	15	15
Piccolyte S-70	7	10	13	14	14	15
Chlorowax 70	5	5	13	716 (Turned black)		

Various photographs of the above samples were made and are enclosed for your use. I am keeping 2 each of the photos for our use here.

Chuck
C. D. Bias

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Enclosures

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