Monsanto

FROM (NAME & LOCATION) G. W. Miller - Anniston, Ala.

DATE December 4, 1969

SUBJECT

REFERENCE

cc: W. A. Kuhn - G.O.
E. M. Emery - So. 2nd
J. C. Landwehr
H. L. Williams

TO : A.W.M. Coaker - So. 2nd

To comply with Cumming Paton's letter of November 26, I have forwarded to your attention four samples of 5460 with varying degrees of insolubility in acetone. The attached table includes all the normal analytical data collected at the time of production. Lot AL-282 was tested by mass spectroscopy and a copy of the report concerning the insoluble portion is attached for your information. The remaining three lots were hand-picked and the insolubility is most probably a result of over-chlorinated terphenyl. As we discussed recently on the telephone, I think it would be wise to have all four of these lot samples checked for the type of insolubility via mass spec prior to any application testing. I have requested that an additional five pound sample of normal high soluble material be shipped to your attention by our sales sample department. If I can be of further assistance, please advise.

G. W. Miller

GWM/bs

Attachments

0561565

TOWOLDMON0059204

AROCLOR 5460

Analytical Test Results

Lot No.	AL-282	AL-285	AL-308	AL-325
Softening Point °C	104.8	104.0	104.9	102.5
Color, NPA	2.0	2.0	2.0	1.75
Solubility 1:1 Acetone	<15Min.	1 hr.	20 Min.	Instant
Specks	NDA	NDA	NDA	NDA
% PCB.	7.3%	1.2%	0.71%	5.6%

0561566

TOWOLDMON0059205