Monsanto

FROM (NAME & LOCATION) A. W. Morgan, St. Louis Research

DATE : May 2, 1969

SUBJECT : Chlorinated Paraffins in Polysulfides

REFERENCE :

TO : K. A. Wells - KWELL

cc: M. W. Farrar - Res 1
J. R. Darby - Res 1
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 3
A. W. M. Coaker - Res 3
R. H. Mills - Res 3
N. W. Touchette - Res 3

A routine check on retain samples of compounded polysulfide pastes has indicated that a definite shelf life problem exists when chlorinated paraffins are incorporated in polysulfides. The following pastes were checked. All had been prepared in April 1968.

	1	2	3	4
LP-2 Polysulfide	100	100	100	100
Carbon Black SRF	30	30	30	30
Aroclor 1254	25	-	-	-
Cereclor 552	-	25	-	-
Santicizer 898	-	-	25	-
Santicizer 278	-	-	-	25

The sample containing the Cereclor had set up and was unworkable. All others were easily worked and quite normal in cure properties when catalyzed. It would appear that chloride from the Cereclor is possibly responsible for this poorer shelf life. I hope this information may be of value. If I may answer any questions please call.

A. W. Morgan

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IN-10 REV. 11-65

STLCOPCB4093822