Monsanto

FROM (NAME & LOCATION): A. W. Morgan - St. Louis Organic Research

DATE: May 12, 1970

SUBJECT: CALL AT THIOKOL
AROCLOR REPLACEMENT PROGRAM

REFERENCE:

TO: N. W. Touchette
Res. 3

cc:
M. W. Farrar Res. 1
J. R. Darby Res. 1
[redacted] WWAYC
J. K. Lilly JLILL
W. S. Clark WCLAR
C. P. Farley/PRG/LOR CFARL
J. A. Cannon Res. 3
A. W. M. Coaker Res. 3
R. H. Mills Res. 3

On May 7 a call was made at Thiokol to discuss Aroclor replacements for polysulfides rubbers.

For Monsanto: W. F. Waychoff
Jan Smoke
A. W. Morgan

For Thiokol: Miss Betsy Peterson - Manager Light Constructio
Tony Santaniello - Manager Heavy Constuction

W. F. Waychoff presented Monsanto's Aroclor policy and discussed the general methods of replacement. Data was presented on four candidates and it was agreed that these materials, blends of Aroclor 5460 with Santicizer 160 or Santicizer 261, looked very interesting. We agreed to supply specific gravity measurements and to retest the materials at equal volume substitutions.

Miss Peterson was quite interested in triphenyl phosphite as a reactive modifier for polysulfides. The use was undefined. We discussed chlorinated paraffins in general and pointed out their basic problems including heat instability, need to be stabilized, poor premix stability, acid generating nature, and poor light stability. A research interest was also attained and Thiokol will be willing to evaluate any new potentially useful product.

A W Morgan

A. W. Morgan

jp

0462820

HARTOLDMON0004718