

Monsanto

FROM (NAME & LOCATION)

N. W. Touchette, St. Louis Research

DATE

November 11, 1969

SUBJECT

Sealocrete/Polysulfide
Sealants

REFERENCE

TO

C. Paton - CPATO

cc: M. W. Farrar - Res 1
J. R. Darby - Res 1
W. F. Waychoff - WWAYC
J. K. Lilly - JLILL
C. P. Farley/P.R.Graham - CFARL
J. A. Cannon - Res 3
A. W. M. Coaker - Res 3
R. H. Mills - Res 3

I asked Al Morgan to comment on the explosions subject company has encountered. His reply is as follows:

"A search of the literature indicates no Aroclor interaction leading to the explosion but there is plenty of indication for a reaction between PbO_2 or ZnO_2 and the benzothiazole. This probably sets up a complex mixture of peroxides and oxides which are shock sensitive. Recommend changing procedure to roll milling or slow shear mixed in a chilled container. Also believe a new accelerator might be a research objective for Sealocrete."

A reply from Jim Dilhoefer may be more helpful in solving this problem. A replacement for Santocure MOR should logically come from him.

We would like to see his reply please.


N. W. Touchette

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