Monsanto

File Monsanto Contract

FROM (NAME & LOCATION) N. W. Touchette - Gail 1730

DATE August 14, 1975 cc J. R. Darby 1730

SUBJECT

REFERENCE

TO : Dick Posiadlo
Montreal 5090

Dear Dick:

During my absence on vacation Martin Hofton sent in three samples of PVC compound for fogging test. A copy of his letter is attached to this memo. His question concerning the capability of these materials passing the GM 9068-P fogging test cannot be satisfactorily answered. We are not familiar with this particular test number. We have copies of the General Motor's test number 46-3 covering fogging characteristics. I suspect that the two tests are the same and simply reflect the difference in numbering between Canada and here.

As you know we are not equipped to run the General Motor's fogging test. In the past we have run our own oil immersion test and obtained good correlation with GM tests. Our test results at 85° normally correspond extremely well with GM test results at 175°F. Based on this past history we feel that all three of the samples submitted by Martin would pass GM test at 175° with 80% reflectance.

The individual test results are as follows:

		85°C	95°C
MH-678	Fog value at ~~85°C~~	85	64
MH-679	" " " "	83	64
MH-680	" " " "	89	78

These results do not appear to be inconsistent with the plasticizer systems as given in Martin's letter. If he obtains results by the GM test on these particular samples we would be interested in seeing the results in order to better correlate with this particular method.

He asked the question that in the event the samples run satisfactorily what palsticizers could be recommended. The direction to go here would be to increase the level of DUP in the system. Or, additionally he could use trimellitate which would increase his cost appreciably. Our recommendation would be to go ahead and test these particular samples with the thought that they are going to be very acceptable in this application.

We hope that these results are satisfactory for your purpose with this customer.

N. W. Touchette

/vw

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