

Inter-Organization Correspondence

BFGoodrich

TO	J. D. Fannin	FIELD POINT OR DEPT. & BLDG. NO.	Louisville	25-2031	DATE YOUR LETTER
FROM	P. M. Zakriski	FIELD POINT OR DEPT. & BLDG. NO.	Brecksville R & D Center, D/8506		DATE THIS LETTER
SUBJECT	Aug. 3, 1977				

Use of Gasbadge®

I have reviewed the test data available which describes the performance of the Gasbadge®. While it is true that BFG has the only data relative to vinyl chloride, that data is very strong. It is my recommendation that you purchase the Gasbadges and collection elements to permit daily monitoring of the workers returning from the pallet factory. It is not necessary to continuously conduct simultaneous samplings with the pump and tube. However, twenty-five to thirty such comparisons will be valuable. As we discussed on the phone, you could include a pump and tube sampling once or twice a week. That would provide a random spot test situation throughout the first few months of the nine month program.

Mike Paschal has prepared a brief description of the very few analysis "tricks" that will be of help to you. I am including this note and if you have any questions please call.

Once your analyses are complete and you are calculating the vinyl chloride exposure, it will be necessary to use the diffusion coefficient for vinyl chloride. We use the following value, $0.107 \text{ cm}^2/\text{sec}$ which was measured at Brecksville by A. R. Berens.

Please keep me informed on the results and progress of this program.

P. M. Zakriski (MAP)
Paul M. Zakriski

jb

cc: E. B. Katzenmeyer, Jr.
J. A. Klupar
J. M. Whitney
R. R. Taylor-S. S. Michels
M. A. Paschal-O. S. Kurtz
R & D Files

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