



UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS
P.O. BOX 8261, SOUTH CHARLESTON, W. VA. 25303

Handwritten notes:
CJH
Pls send copy to HVT
Return original to WPM

Handwritten: RNW-fyi

Handwritten: Vc

November 4, 1974

Mr. Bruce Euchner
Glidden Durkee
Dwight P. Joyce Research Center
16651 Srague Road
Strongsville, Ohio 44136

RECEIVED

NOV 11 1974

R. N. WHEELER, JR.

Dear Bruce:

The attached report describes the vinyl chloride (VCM) monomer content of UCAR Latex 1000 shipments. Efforts continue to reduce the current average level of 63ppm by weight.

In the course of this work, new chromatographic columns had to be found and calibrated because our original method suffered from a severe interference from acetaldehyde. Analytical studies are continuing to define whether or not the observed VCM peak has additional interferences. We have not yet been able to measure these low levels by an independent analytical technique. As our studies progress, we will continue to inform you of our results. If you need help in monitoring your employees at a selected paint plant, we would gladly collect duplicate samples to compare your analyzer with ours.

The analytical results and analytical methods for VCM analysis in both latexes and air were transmitted and discussed with your Mr. Swafford on October 18 by telephone. If you need additional information, please contact me.

Very truly yours,

Handwritten signature: Walt

W. P. Miller ✓

WPM/daq
CC: C. G. Herion-Cleveland DSO

UCC
013128

THE VINYL CHLORIDE MONOMER (VCM) CONTENT
OF UCAR LATEX 1000 SHIPMENTS TO GLIDDEN

Authors: A. E. Gabany
W. P. Miller
T. R. Smith

Date: November 4, 1974

SUMMARY UCAR Latex 1000 shipments contain an average of 63.5ppm by weight VCM $\pm$ 22.5 (standard deviation) with a range from 25 to 113ppm. Analytical work is in progress to show that interferences do not exist. Process work continues to lower the VCM content.

DISCUSSION Table I contains measurements on a selected series of samples including production from both our Tucker, Georgia and Somerset, New Jersey JENNAT latex plants to the six Glidden-Durkee sites. No significant differences in product shipped from our plants to Glidden plants was observed. The analytical method used in this study is attached.


*If you want all the gubby details,
let me know —*

HW