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UNION CARBIDE CORPORATION
COATINGS & ADHESIVES MATERIALS

FOR NEW YORK OFFICE

T. Ginsberg, B.B. (98)
J. C. Fryman, Long Beach
R. W. Lasher, N.Y. (33)
A. A. Mees, N.Y. (33)
C. N. Merriam, B.B. (98)
C. O. Schwahn, Chicago
[REDACTED]

MARKETING INTELLIGENCE REPORT

This report concerns:

(X) Coatings Resins

Trade Paints ()

() Coatings Solvents

AS & EI ()

() Other - Specify _____

By: R. J. Martell

Date of Call: 3/28/78

Received 4/3/78

Typed 4/4/78

Company Division Address	EPA Office of Water Supply Criteria & Standards Div. Washington, D.C.	Interviewed or Source of Information (Give full names and titles.) Frank A. Bell, Jr.
Subject (General Marketing Intelligence Only) Potable water tank coatings		

Designate Persons Concerned And Underline if Action is Required

Purpose

Interview arranged to impress this agency with our concern over giving opinions on suitability of vinyl coatings for potable water tanks without establishing a test protocol.

Summary

As a result of an earlier phone conversation, Mr. Bell had already advised Mr. Blankenship EPA Region III to withdraw his statement to the Commonwealth of Virginia recommending they ban use of vinyl coatings.

Mr. Blankenship countered with questions about the performance of vinyls. Claimed that coatings lifted and particles broke off contaminating the water. Discussed necessity of proper applications of any coating and Ambridge, PA 25 year test history.

Action

RJM Visit EPA Region III 4/17 if possible and review vinyl performance record.

RJM Visit with Reesi-EPA Cincinnati test data requirements Use R. N. Wheeler computer model data.

RJM Follow New York State Department of Health extraction tests. Tests not underway until June.

RJM Follow EPA Region II New York. Their opinion carries considerable weight because of their working with New York State

RJM Contact Region I - Boston for their view of coatings selection. According to Frank Bell there is considerable regional autonomy and these contacts should be worthwhile.

RJM:cpm

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UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS

300 FIRST AVENUE, NEEDHAM HEIGHTS, BOSTON, MASSACHUSETTS 02194

April 4, 1978

General Service Administration
Federal Supply Services
Washington, D.C. 20406

Attention Mr. W. S. Van Eyeken

Subject: Proposed revision TT-P-001952 Paint, Airfield Marking

Gentlemen:

We have reviewed the proposed revision of TT-P-001952A and have the following comments:

The statement on Page 2 of TT-P-001952A "The paint shall be free from material which would be toxic to personnel under normal conditions of use" should be retained.

We appreciate the desire to write performance specifications which allow the paint formulator room for innovation but question elimination of the vehicle description entirely. A statement similar to that one suggested for the proposed Amendment 2 to TT-P-19C, Paint, Acrylic Emulsion, Exterior could be used. "An acrylic copolymer is defined as a polymer in which the predominant portion is of acrylic derivation.

Para. 3.2.7 Change in consistency should be ± 5 K.V. Decrease in scrub resistance should read "no more than 20% decrease". Our laboratories report that scrub tests are only accurate to $\pm 20\%$.

Table II

We note that non-volatile organic material requirement was eliminated in this version. It might be well to retain this to make sure the paint contains sufficient resin. Of course, the scrub resistance requirement could cover this point. Scrub resistance, in this case, could be increased to 500 cycles minimum.

The water resistance test using a glass plate as substitute has always been controversial. Even though our test paints passed Mr. M. O. Robinson of our Alsip, Illinois laboratory

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believes the test to be unrealistic and could be a major cause of rejection of otherwise acceptable paint.

Also in Table II there is a "typo" 0.92 reflectance should be 92%.

Para. 5.3 Special Marking

Line 6 insert "oil & grease" after "dirt". In fourth paragraph you may want to insert wind chill factor as affecting coalescence of the paint film.

Very truly yours,

UNION CARBIDE CORPORATION
Chemicals and Plastics

R. J. Martell cm

Robert J. Martell
Performance Coatings Specialist

RJM:cpm

bcc J. R. Holliger, N.Y. (33)
J. L. Long, Tucker
~~_____~~
A. A. Mees, N.Y. (33)
M. O. Robinson, Alsip

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