

APP- 2-98 MON 9:43 TLE GROUP NJ

P. 01

CABLE "GLEINAD"



2011 581-8100

WHITTAKER, CLARK & DANIELS, INC.

1000 COOLIDGE STREET

SOUTH PLAINFIELD N.J. 07080

February 8, 1977

Ms. Irene L. Rowe
 Mobil Chemical Company
 Chemical Coatings Division
 1024 South Avenue
 Plainfield, New Jersey 07062

Dear Ms. Rowe:

Regarding: Tremolite Asbestos in Talc

Thank you for your letter concerning the presence of tremolite in four Whittaker, Clark & Daniels talcs. These are as follows:

Mobil Code

PE 101

PE 104

PE 105

PE 121

WC&D

1767

399

1313

2611

The presence of tremolite is determined by the CTFA (Cosmetic Toiletries and Fragrance Association) Method 17-1. This method is recognized by the FDA and the cosmetic industry. Our talcs are examined according to this method by two different consulting laboratories.

The results of these examinations are that the #101 Talc, #399 Talc and #2611 Talc have no detectable tremolite present.

The #1313 Talc contains 0.03 - 0.06 percent tremolite, which is present as chunky particles and elongated prisms. Approximately one percent of these prisms would be counted as fibers. Therefore, the presence of fibrous tremolite would be within the 0.03 - 0.06 percent range. This is a very low level.

Very truly yours,

WHITTAKER, CLARK & DANIELS, INC.

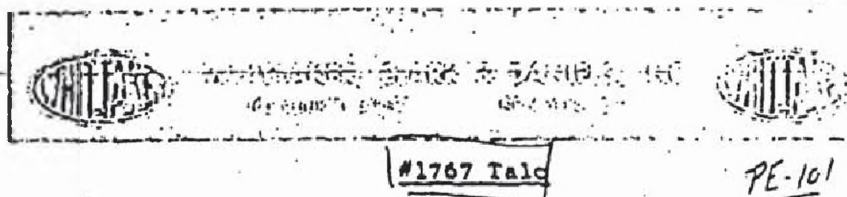
Ray R. Krammes
 Manager - Technical Services

RRK/sc

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 MINERALS, COLORS, PIGMENTS

MOBIL PRODUCTS
 01248

PLAINTIFF'S
 EXHIBIT
 WCD-119



Source: Georgia
Color: Grey-Green
Brightness: 65
Description: #1767 Talc is processed from selected ore to give improved adherence to matal in surfacers and primer surfacers.
Use: Paint

Typical Physical Constants:

<u>Tapped Bulk:</u>	
20 grams - 500 times	20 c.c.
Apparent Density	62.5 lbs./cu.ft.
<u>Loose Bulk:</u>	
20 grams	40.6 c.c.
Apparent Density	31.6 lbs./cu.ft.
Specific Gravity	2.82
True Density	23.49 lbs./gal.
	.0426 gal./lbs
<u>Reflectance:</u>	
Green Stim. Filter	65
<u>Sieve Fineness:</u>	
Thru 325 mesh	99%
pH	9.34
Slip	Good

Typical Chemical Composition:

Silica	SiO ₂	46.13%
Magnesium Oxide	MgO	25.17
Calcium Oxide	CaO	4.05
Aluminum Oxide	Al ₂ O ₃	.1
Ferric Oxide	Fe ₂ O ₃	.3
Titanium Oxide	TiO ₂	0.50
Soda	Na ₂ O	0.12
Potash	K ₂ O	0.14
Manganous Oxide	MnO	0.12
Loss on Ignition		9.51

7/1/60

MOBIL PRODUCTS
 01249.

CABLE "BLEINAD"

Copy for 15's
1 16 16 RTH

WHITTAKER, CLARK & DANIELS, INC.

(201) 861-8100

1000 COOLIDGE STREET • SOUTH PLAINFIELD, N.J. 07080

May 23, 1973

Mr. R. Hurdman
Mobil Chemical Company
P. O. Box 240
Edison, New Jersey 08817

R. H. H.
MAY 31 1973

EDISON

Dear Mr. ^{ART}Hurdman:

In reply to your recent inquiry regarding the presence of asbestos in #1313 and #1767 Talc, we have examined these products by means of X-Ray Diffraction, continuous scanning method and have found the following detectable amounts:

Elements	<u>PE 185</u> #1313 Talc	<u>PE 181</u> #1767 Talc
Talc	55%	21%
Serpentine	2%	6%
Dolomite	8%	4%
Magnesite	-	3%
Quartz	-	3%
Phlogopite	2%	2%
Chlorite	5%	1%
Tremolite	20%	-
Calcite	4%	-

We trust this information will satisfy your records.

Very truly yours,

WHITTAKER, CLARK & DANIELS, INC.

George J. Dipolito
George J. Dipolito
Assistant Secretary

GJD/sas

5/23/73
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MINERALS, COLORS, PIGMENTS

MOBIL PRODUCTS
01250

U.S. MAIL PERMIT NO. 1000 SOUTH PLAINFIELD, N.J. 07080



WHITTAKER, CLARK & DANIELS, INC.

MINERALS, COLORS, CHEMICALS

1000 COOLIDGE STREET SOUTH PLAINFIELD NJ 07080

June 17, 1980

(201) 581-8100

CABLE BLEINAD

Telex 138248

Mrs. Nelly G. Panaligan
Mobil Chemical Company
Chemical Coatings Division
1024 South Avenue
Plainfield, NJ 07062

FE101

JUN 20 1980

GENERAL TECHNICAL DIV.

Mrs. Panaligan:

This in response to your request concerning products purchased from us. Those products purchased presently are:

1767 Talc	Code No. <u>PE-101</u>
399 Lo Micron Talc	<u>PE-104</u>
150 Talc	PE-117
2611 Talc	PE-121
59 Whiting	PE-201
297 Lo Micron Barytes	PE-311
219 Silica Sand	PE-446
5006 Ultramarine Blue	PL-252
5151 Ultramarine Blue	PL-261

Product Data Sheets and Material Safety Data Sheets for all products are attached.

Trace Metal Analysis for the products are as follows:

	FE101	FE104	PE117	PE121	PE201	PE311	PE446	PL252	PL261
Metal	1767	399	150	2611	59	219	5006	5151	
Arsenic	<10	1-3	<3	1-3	40.5	40.05	3	3	
Lead	<10	5-10	0.7	5-10	3	40.05	40	40	
Mercury	<1	40.1	0.0	40.1	0.06	40.10	40.05	40.05	
Selenium	<20	<20	NA	420	40.4	40.10	40.1	40.1	
Zinc	NA	20	NA	20	20	40.05	NA	NA	
Copper	NA	5-10	0.0	5-10	5	40.02	11	11	

All values in part per million
NA = Not available.

Thank you for this opportunity to be of service.

Very truly yours,

WHITTAKER, CLARK & DANIELS, INC.

Ray C. Krammes

Ray C. Krammes

Manager - Technical Services

RCK:cb
Attachments

Branch Offices:

Chicago
851 Executive Drive, Bldg. C
Wilmette, Illinois 60091
(312) 323-3775 & 3777

Detroit
1800 West Big Beaver Road
Suite 210
Troy, Michigan 48064
(313) 548-6620 & 6621

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2508 Merrittview Lane
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(513) 825-3424

Canada
280 Bloor Street West
Suite 107
Toronto, M5S 1W1
Ontario
(416) 923-4777

MOBIL PRODUCTS
01251

WHITTAKER, CLARK & DANIELS, INC.

18011 901-6100 CABLE BUREAU



PRODUCT DATA

150 TALC
CAS No. 14807-96-6

Typical Chemical Analysis:

		Percent
Silica	SiO ₂	38.3
Aluminum Oxide	Al ₂ O ₃	less than 2.0
Magnesium Oxide	MgO	34.0
Ferric Oxide	Fe ₂ O ₃	3.6
Moisture		less than 0.5
Loss on Ignition		20.0
pH (10% Slurry)		9.2

Typical Physical Properties:

Dry Brightness	73.0
Specific Gravity	2.80
Tapped Density, lbs./cu.ft.	62.0
Loose Density, lbs./cu.ft.	40.0
Lbs./solid gallon	23.32
One Lb. Bulks, gallons	0.043
Oil Absorption	14-20
Hegman Fineness	2-3.5
Thru 200 Mesh, %	99.9
Thru 325 Mesh, %	92-94
Mean Particle Size, Microns	15

Typical Particle Size Distribution:

Microns	% Less Than	Microns	% Less Than
40	92	5	15.0
30	84	4	11.0
20	68	2	4.0
10	36	1	2.0

Issued: 8/86
Supersedes: B02

18011 COOLIDGE STREET

SOUTH PLAINFIELD N.J. 07065

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01252

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See our catalog in THOMCAT vol. 17-23

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State Company Profile information, see Volumes 15 & 16)

22663/TAL

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