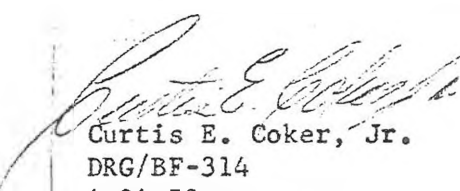


HHE #61

General Use
Aerosol Spray Talc
Containing Tremolite Asbestos

PRESENTATION TO COMMITTEE

1. Product: Avon Tai Winds Spray Talc
in aerosol can, Net Wt. 7 oz.
2. Distributor: Avon Products, Inc., New York, N. Y.
3. Sample Reference: M 53444 (DCC 1272)
4. Analysis: Talc composed of approximately 10% tremolite asbestos mineral, present mostly in the form of biaxial negative rods and needles with inclined extinction. No chrysotiled asbestos detected. See attached Analyst Worksheet and other attachments.
5. Distribution: Firm distributes nationally.
6. Injuries: None known.
7. Attachments: Five pages.


Curtis E. Coker, Jr.
DRG/BF-314
4-24-72:gp

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

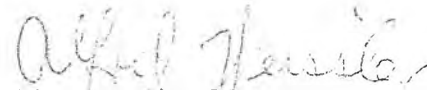
Date: April 21, 1972

Reply to
Attn of: BF-430

Subject: Asbestos Content of Dr. Kolbye's Sample of Avon Tai Winds Spray Talc

To: Dr. Albert C. Kolbye, Deputy Director
Bureau of Foods (BF-2)

The finding by Mr. Schulze by microscopy, that Avon Tai Winds Spray Talc contains tremolite asbestos in amounts of the order of 10%, has been confirmed by Professor S. Z. Lewin of New York University, using the X-ray diffraction technique. Mr. Schulze's results were reported by me in a memorandum to Dr. Schaffner dated February 29, 1972. A copy of this memorandum and Mr. Schulze's work sheet is attached.



Alfred Weissler, Ph.D., Acting Director
Division of Colors and Cosmetics Technology

NOTE--DO NOT USE THIS ROUTE SLIP TO
SHOW FOR CLEARANCE OR APPROVALS

DATE 2-29-72

TO:

AGENCY BLDG. ROOM

Dr. Hoibye, BF-1

☐ APPROVAL ☐ REVIEW ☐ NO CONVICTION
☐ SIGNATURE ☐ NOTE FOR SEE ME ☐ REQUESTED
☐ COMMENT ☐ NOTE FOR RETURN ☐ NO SIGNATURE
☐ FOR YOUR INFORMATION
☐ IN ANSWER TO REQUEST OF

REMARKS: Re: Avon Tai Winds Spray Talc.

Attached is the cosmetic report on this case. We will retain the sample and have X-ray diffraction analyses made if you agree.

To Robert M. Schaffner, Ph.D., Director
From Office of Product Technology, BF

PHONE	BUILDING	ROOM
28257	FB-8	4827

FORM 100-10 REV. 11/67 ROUTE SLIP GPO:1975-O-282206

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

Date: February 29, 1972

Reply to
Attn of: BF-430

Subject: Asbestos Content of Dr. Kolbye's sample of Avon Tai Winds Spray Talc

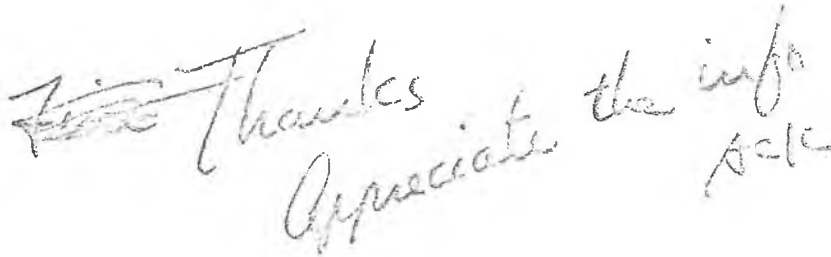
To: Dr. Robert M. Schaffner, Director
Office of Product Technology (BF-400)

As shown in the enclosed analytical worksheet by Mr. Schulze (Division of Microbiology) Dr. Kolbye's sample contained no chrysotile asbestos, but did contain a moderate amount of tremolite asbestos. I asked Mr. Schulze for a semi-quantitative estimate; he said, of the order of 10% - 20%, on a particle count basis (not a weight percent basis).

If Dr. Kolbye agrees, we would like to retain the sample, for inclusion in the series of X-ray diffraction analyses for asbestos.


Alfred Weissler, Ph.D., Acting Director
Division of Colors and Cosmetics Technology

Enclosures



#937
Rec'd CPT
FEB 29 1972

DESCRIPTION OF SAMPLE

1. AMOUNT AVAILABLE FOR EXAMINATION	2. CONTAINER OR PACKAGING	3. DESIGNATION AND DATE
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4. MANUFACTURER (Name, City, State, Zip)

SHIPPER	5. NAME, STREET ADDRESS, CITY AND STATE			
	6. CARRIER	7. TRANSIT RECORD (Days)	8. NUMBER	9. DATE
	10. DATE SHIPPED	11. AMOUNT SHIPPED	12. INVOICE NUMBER	13. LOT SIZE

DEALER	14. NAME, STREET ADDRESS, CITY AND STATE			
	15. INDIVIDUAL IDENTIFYING SAMPLE		16. INDIVIDUAL IDENTIFYING RECORD	
	17. COLLECTING DIRECTOR	18. DIST.	19. DATE COLLECTED	20. COLLECTION REASON

21. INSPECTOR'S REMARKS

22. DATE LAST EX	23. RELATED SAMPLES
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24. LABORATORY CLASSIFICATION (Insert 1-digit code)	25. LABORATORY CONCLUSION

1 ☐

2 ☐

3 ☐

Rocky, white, slightly translucent, granular material. The material is a calcium magnesium silicate. Information from Colorado Counties. H.M. Thompson.

27. DISTRICT CONCLUSIONS	28. RECOMMENDATION	29. SIGNATURE	30. DATE
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1 ☐	2 ☐	3 ☐
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31. NAME AND TITLE (DEPT)	32. SIGNATURE	33. DATE
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34. DISTRIBUTION	35. COPIES TO	36. LABEL NO.	37. ST-PR-ENC.	38. IS-1-2-3-4-5-6
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ANALYST WORKSHEET		1. PRODUCT Spray Talc		2. SAMPLE NO. W 53444 (DCC 1272)	
3. SEALS ☐ INTACT ☐ BROKEN ☒ NONE		4. DATE REC'D 2/14/72	5. RECEIVED FROM H. W. Stevenson, BF-433		6. DISTRICT OR DIVISION Div. of Micro.
7. DESCRIPTION OF PRODUCT One can labeled, in part, "Avon / Tai Winds / Spray Talc ... Net Wt 7 oz. ... Avon Products, Inc., New York, N. Y. 10020," and identified "Sample # DCC 1272 / 2-14-72, HWS."					
8. NET CONTENTS ☐ NOT APPLICABLE DECLARED FOUND() % OF DECLARED			9. LABELING SUBMITTED: ☐ ORIG ☐ NONE ☐ NONE ☐ COPIES		
10. SUMMARY OF ANALYSIS The sample was examined to determine whether it contains asbestos. Optical crystallographic examination shows that the sample consists of talc together with crystalline impurities, none of which is chrysotile asbestos. One of the impurities is a moderate amount of what was identified as tremolite, an asbestos mineral. This is present mainly in the form of biaxial negative rods and needles with positive elongation and inclined extinction. Refractive indices were found to be: alpha 1.525, beta 1.617, and gamma 1.524.					
11. RESERVE SAMPLE To be returned to H. W. Stevenson, Division of Colors and Cosmetics Technology.					
12. DATE REPORTED 2/18/72		13A. ANALYST'S NAME Arnold E. Schulze		13B. NO.	14. CALCULATIONS CHECKED DATE
15. PROGRAM DATA					
OPERATION		PROBLEM		HOURS	
ACTIVITY					
LAB FINDINGS (Report "Y" yes or "N" no, as applicable.)				METHOD	
R M F L				E N	
				O P	
				X L	