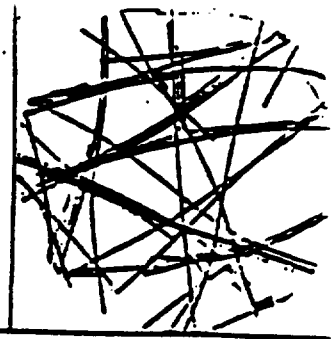
ASBESTOS

PRODUCT INFORMATION BULLETIN

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Photomicrograph of Union Carbide's high-purity asbestos fiber

UNION CARBIDE CORPORATION • MINING AND METALS DIVISION • 270 PARK AVENUE, NEW YORK, NEW YORK 100..

UNION CARBIDE HIGH-PURITY ASBESTOS

A NEW WHITE FIBROUS FILLER FOR PITCH CONTROL IN PAPER AND BOARD

PLAINTIFF'S EXHIBIT
UC-4835

PROVIDES

HIGH CAPACITY
FOR
REDUCING
DEPOSITABLE
PITCH

PLUS

Opacity
Retention of Pigments and Fines
Better Sheet Formation

SEE ATTACHED MILL TRIAL DATA

Deposition DEPO. EXH. 19
3/10/89
KIRBY A. KENNEDY
COURT REPORTER

001067

DEPO. EXH. 17 D
KIRBY A. KENNEDY
COURT REPORTER

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APPLICATION

PITCH CONTROL WITH ASBESTOS

Absorbing and Dispersing the Wood Resins or Pitch Contained in Paper Furnishes Containing Sulfite Pulps, Groundwood and Semi-Chemical Groundwood

INTRODUCTION:

When pitch is not absorbed and dispersed uniformly in the furnish, fourdrinier wires are plugged, the pitch deposits on the paper machine felts and the paper produced contains blemishes such as scars or holes depending upon the thickness and basis weight of the paper.

Whether or not an agent or material has the potential for being effective should be evaluated by the mill interested since pulps and wood species vary considerably in pitch content. Several paper companies have evaluated our material —High Purity Asbestos—for pitch control as compared to the effectiveness of talc which they normally use. The results have been:

% Asbestos	Conclusion
2%	Twice as effective as talc.
3%	Completely eliminated the pitch. (No matter how much talc was used, the pitch was not completely eliminated with the talc.)

Statistics on typical requirements:

Paper Machine *No. 2*	*No. 6*
Daily Prod. (Tons) 80	400
Present Talc use 3,000 lbs./day	9,000 lbs./day
Asbestos usage 1,000 lbs./day	5,200 lbs./day
Grade Produced Bag Stock	Liner Board or Asphalt Laminate

RESULTS OF THIS WORK:

Carload quantities of asbestos are now being used for pitch control.

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