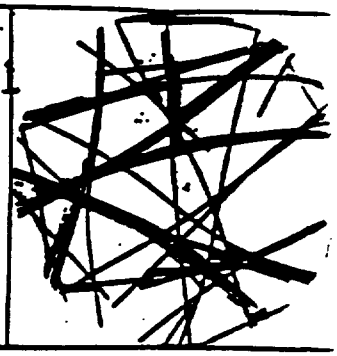
PLAINTIFF'S EXHIBIT
UC-4828
076671

ASBESTOS

INFORMATION BULLETIN



UNION CARBIDE HIGH-PURITY ASBESTOS

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

PROVIDES

HIGH CAPACITY

FOR

REDUCING

DEPOSITABLE

PITCH

PLUS

Opacity

Retention of Pigments and Fines

Better Sheet Formation

SEE ATTACHED MILL TRIAL DATA

Berkell DEPO. EXH. 13
3/10/89
KIRBY A. KENNEDY
COURT REPORTER

DEPO. EXH.
KIRBY A. KENNEDY
COURT REPORTER

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.