FILE NAME: Ford (FD)

DATE: 0000

DOC#: FD002

DOCUMENT DESCRIPTION: Brake Manufacturer Summary

Brake Manufacturer Summary

AlliedSignal/Bendix
- Manufactured asbestos-containing brake linings, pads and blocks from 1939 to present
- Purchases raw asbestos
- Sells to Chrysler, Ford, GM and Aftermarket

General Motors
- Manufactured brake linings from 1939 to present
- Purchases raw asbestos
- Sells to Chrysler

Chrysler
- Manufactured brake linings from 1959 to 1988
- Still sells asbestos brake linings

Ford
- Never manufactured asbestos linings
- Purchases linings from others and sold to 1993/94
- No longer sell asbestos – containing brakes

Copper (Wagner)
- Manufactured linings from 1934 to Present
- Purchased from Abex, Bendix, Thiokol, Nuturn

Abex
- Manufactured from 1927-1987
- Brake division sold to Wagner in 1994

Standard Motor Products (EIS)
- Manufactured from 1967 – Present
- Sold EIS in Texas post – 1967 only

Morton Int'l (Thiokol)
- Manufactured for oe and replacement market 1969 to 1983

Brake Lining Manufacturers and Distributors

Company	Location	Years	Brand	% Asbestos	Suppliers	
Chrysler	Trenton Chemical Plant	1959-1988	Mopar Cycle – weld Cycle – bond	50 %	Abex Bendix Raybestos Raybestos - Manhattan Johns - Manville Nuturn Delco	Galfer Valco Friction Div. Prod. (Thiokol) Inland Jurid Kelsey, Hayes Wagner
Ford	None	None	Ford Mercury Motorcraft Ford Authorized Remanufacters	40 - 60%	Bendix Kelsey Hayes Wagner Electric Raybestos - Manhattan	Abex Corp.
General Motors	Inland Division (Delco Products and Delco Chassis) Dayton and Vendelia Ohio	1939 - Present	Delco GM Parts Goodwrench	50-75%	Johns – Manville Abex Eatonbrake Div. Dora Azle American Coleman H.K. Porter Kelsey Hayes Kelsey Products Div. Rockwell Int'l Amco Marshall, Eclipse	Unibond Brake Wagner Electric Raybestos Asbestos Fiction Div. Products (Thiokol) Ferodo ITT Amco Multibestos Universal Friction Akebano

Company	Location	Years	Brand	% Asbestos	Suppliers	
Allied/Bendix		1939 - Present	Bendix Marshall SL WM Eclipse Master EDF FIC Friction Key	50%		
Standard Motor Products	Gardena, CA Merila, AR Rurel Retreat, VA Ontario, CA	1967 - Present (EIS in Tx Post 76 Only)	EIS Pick Automotive - Red Dot - Green Dot Traffic Name Cali-Block		Abex Brassbestos Mfg. Corp. Certified Division, Lear Siegler HK Porter Co. Maramount, Grissly Div. Nuturn	Raymark Royal, Lear Siegler Thiokol Chem. Corp., Friction Div. U.S. Automotive Man.
Pheumo Abex/ Abex (Sold to Cooper Ind.)	Detroit, Mich. Salisbury, NC VA	1927-1987	Abex American Brake Block American Eagle Brake Block Brake Shoe Crossing Guard Esline	20-70%		

Company	Location	Years	Brand	% Asbestos	Suppliers	
Pheumo Abex/ Abex (Continued)			121 Super – brakes Protecter Velvetouch Organic			
Wagner Electric (Cooper Ind.)	None	Assembly Only 1957- Present	Wagner Lockheed Wagner Lockheed Comax	unknown	Bendix Thiokol Nuturn	
Thiokol	Unknown	1968-1983	Thiokol	40-50%		

Other Maufacturers

Standco Industries
Borg-Wagner Automotive
Nuturn*
Arvin Insutries
Raybestos*
Galfer
Valeo
Jurid
Kelsey, Hayes, Kelsey Products Div.
Eaton Brake Div.
Dora Axle
American Coleman
Dayton, Walther
H.K. Porter *
Rockwell Int'l
Unibond Brake
Ferodo
ITT Amco
Multibestos
Universal Friction
Akebano
Amco
Marshall Eclipse
Brassbestos*
Maramont, Grissley Div. (CCR)*
Raymark
U.S. Automotive Manufacturer
Carlisle Co.

Reddaway Manufacturing Co.*
S.K. Wellman Corp.*
Wheeling Brake Block*
Lasco Brake Products*
Ganmon & Cole*
Auto Friction*
Bridgestone/Firestone/Lear Siegler/Royal*

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