



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Friction Material, Brake Lining

Manufacturer:

Product Number: No. 0231

Federal Mogul Corporation
26555 Northwestern Highway
Southfield, MI 48034

1143-301, 1155-176, 1155-189, TQ101, TQ102, TQ103, TQ104, TQ105, TQ106, TQ107, TQ116, TQ117, WAGPD18, WAGPD19, WAGPD20, WAGMX1, WAGMX3, WAGMX4, WAGMX6, WAGMX7, WAGMX8, WAGMX13, WAGMX15, WAGMX16, WAGMX21, WAGMX22, WED 76, WED79, WED81, WAGST1, PX1200, PX1050, ABEX6171, WAGSX1, WAGSX2, WAGSX4, WAGSX5, WAGSX7, WAGSX8, ABEX6051, ABEX6122, ABEX6141, ABEX6185, ABEX6196, ABEX 6197, ABEX6198, WAGZD1, WAGZD2, WAGZD3, WAGZD5, WAGZD6, WAGZX2, WAGZX3, WAGZX4, WAGZX5, WAGZX6, WAGZX7, WAGZX8, GNB100, GNB103, GNB109, GNB112, GNB116, GNB119, GNB120, GNB121, GNB122, GNB123, GNB 124, GNB128, GNB130, GNB132, GNB133, GNB133, GNB134, GNB148, GNB149, GNB155, GNB158, GNB159, GNB160, GNB161, PX1170, FM2045, FM2078, FM2079, FM2082, FM2083, FM2084, FM2087, FM2093, FM2101, FM2102, FM2103, FM2106, FM2109, FM2110, FM2113, FM2114, FM2134, FM2135, FM2156, FM2160, FM2192, FM 2197, FM2198, FM2199, FA400, FA4000, FA401, FA4001, FA402, FA4002, FA4003, FA4004, FA500, FA5001, FA502, FA503, FA5003, FA5005, FASD1, FERODO3093, FA6000

Phone: (248) 354-7700/(248) 354-8950

Emergency Phone: 1-800-535-5053 (Infotrac)

SECTION 2: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Although several of the ingredients used to formulate this product may be hazardous in their raw state, the manufacturing process results in a solid, infusible form, binding or otherwise rendering the mixture inert. We have identified below those hazardous constituents present in quantities greater than 1% (0.1% for carcinogens) that may be released from the product by overheating, burning, machining, or abrading.

Ingredient*	CAS No.:	% Weight	OSHA PEL	ACGIH TLV (2003)
Acrylic Fibers	24980-62-9	>1	1 fiber/cc ^a	1 fiber/cc ^a
Alumina silicate	1335-30-4	>1	None Established	None Established
Aluminum oxide	1344-28-1	>1	15 mg/m ³ b, c	10 mg/m ³
Aluminum	7429-90-5	>1	15 mg/m ³	10 mg/m ³
Aluminum hydroxide	21645-51-2	>1	None Established	None Established
Amporphous silica	112926-00-8	>1	20 mppcf ^d	10 mg/m ³
Antimony trioxide	1309-64-4	>1	0.5 mg/m ³	L, A2
Antimony sulfide	1345-04-6	>1	None Established	None Established
Aramid Fiber	26125-61-1	>1	1 fiber/cc ^a	1 fiber/cc ^a
Barium sulfate	7727-43-7	>1	15 mg/m ³ c	10 mg/m ³
Brass	None	>1	None Established	None Established
Butyl Rubber	9010-85-9	>1	None Established	None Established
Calcium carbonate	1317-65-3	>1	15 mg/m ³ c	10 mg/m ³
Calcium fluoride (as Fluorine)	7789-75-5	>1	0.2 mg/m ³	0.6 mg/m ³
Carbon Black	1333-86-4	>1	3.5 mg/m ³	3.5 mg/m ³

Revised: 03/11/2004