

BRAKE SYSTEMS, INC. - STRATFORD, CT

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION

MANUFACTURER'S NAME:  
Brake Systems Inc.  
75 East Main Street  
Stratford, CT 06497

EMERGENCY TELEPHONE NUMBER  
(203) 375-3341

REVISION DATE:  
July 31, 1986

INFORMATION TELEPHONE NUMBER  
(203) 375-3341

PRODUCT NAME: SEMI-METALLIC AUTOMOTIVE DISC BRAKE

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Inorganic Components including Barium Sulfate	5-15	15 mg/M <sup>3</sup>	10 mg/M <sup>3</sup>
Carbonaceous Friction Enhancers	15-30	15 mg/M <sup>3</sup>	10 mg/M <sup>3</sup>
Cured Phenolic Binder	5-10	None Established	None Established
Steel and Iron Particulate	55-65	15mg/M <sup>3</sup>	10 mg/M <sup>3</sup>

SECTION III - PHYSICAL DATA

Boiling Point:	N/A	Specific Gravity:	3.0-3.5
Vapor Pressure:	N/A	Percent Volatile:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
Appearance and Odor:	Dark Grey Solid, Slight Phenolic Odor		

Flash Point: N/A  
Extinguishing Media: CO2, Water, Foam, Dry Chemical  
Special Fire Fighting Procedures: Wear self-contained breathing apparatus  
Unusual Fire and Explosion Hazards: Fine dry dust exceeding minimum explosive concentration can explode in presence of ignition source.

### Effects of Overexposure:

Brake dust may cause eye, skin, or upper respiratory tract irritation.

Long term overexposure to airborne brake dust may cause decreased pulmonary function with such symptoms as chest tightness, shortness of breath and cough.

## Inhalation

If dust enters eyes, flush with water. Consult physician if eye irritation develops.

Stability: Stable

Incompatibility (Materials to Avoid): Avoid strong oxidizers due to organic content.

Hazardous Decomposition Products: Incomplete combustion may release toxic materials.

Hazardous Polymerization: Will not occur.

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#### SECTION VII - SPILL OR LEAK PROCEDURES

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##### Steps To Be Taken In case Material Is Released Or Spilled:

Vacuum or wet sweep accumulations of brake dust.

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#### SECTION VIII - SPECIAL PROTECTION INFORMATION

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##### Respiratory Protection:

Wear NIOSH approved mechanical filter respirator if airborne dust concentration exceeds OSHA PEL.

##### Other Protective Equipment:

Wear goggles and gloves/protective clothing to prevent eye and skin irritation from dust.

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#### SECTION IX - SPECIAL PRECAUTIONS

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Handle with adequate ventilation for nuisance dust. Do not use compressed air for cleaning.