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MATERIAL SAFETY DATA SHEET

Effective Date: March 4, 1997

Code: AE-482-EE

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Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: AE-482-EE

MANUFACTURER'S NAME:

Brake Parts, Inc.
4400 Prime Parkway
McHenry, IL 60050

EMERGENCY TELEPHONE NO.

(815) 363-9000

MISCELLANEOUS INFORMATION:

(815) 363-9000

SUPPLIER'S NAME:

Rayloc
Division of Genuine Parts Company
3100 Windy Hill Road
Atlanta, Georgia 30339

REVISION DATE:

Nov. 1, 2012

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Section 2 - HAZARDOUS INGREDIENTS

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INGREDIENT	CAS NO.	-----EXPOSURE LIMITS-----		
		% BY WT.	ACGIH TLV	OSHA PEL OTHER LIMITS RECOMMENDED
Inert inorganics (including barytes, magnesium oxide, vermiculite)		50-60	10mg/m3	15mg/m3
Carbon & synthetic graphite		12-17	10mg/m3	15mg/m3
Steel fiber		4-6	None	Established
Cured phenolic resin and rubber		18-22	None	Established

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Section 3 - HAZARDS IDENTIFICATION

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-Health Hazards (Acute and Chronic)

Acute: Brake dust may cause eye, skin or upper respiratory tract irritation. Chronic long term overexposure to airborne brake dust may cause decreased pulmonary function with such symptoms as chest tightness,

shortness of breath and cough.

-Signs and Symptoms of Exposure

Medical Conditions: Generally aggravated by exposure.

-Routes of Entry

Inhalation: Yes

Skin:

Ingestion:

-Carcinogenicity:

NTP: NO

IARC Monographs: NO

OSHA Regulated: NO

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Section 4 - FIRST AID MEASURES

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None - Extreme Fire - 3

-Emergency and First Aid Procedures

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

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Section 5 - FIREFIGHTING MEASURES

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Flash Point: Not Available

Flammable Limits: Not Available

LEL: Not Available

UEL: Not Available

Extinguishing Media: CO2, Foam, Water, Dry Chemical

Special Firefighting Procedures: Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

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Section 6 - ENVIRONMENTAL RELEASE MEASURES

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-Steps to be taken in case material is released or spilled

Vacuum or wet sweep accumulations of brake dust.

Other Precautions: NA

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Section 7 - HANDLING AND STORAGE

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-Precautions to be taken in Handling and Storage:
Handle with adequate ventilation for nuisance dust. Do not use compressed air for cleaning.

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Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION
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Respiratory Protection: Wear NIOSH approved mechanical filter respirator if airborne dust concentration exceeds OSHA PEL.

Local Exhaust: Not Available
Mechanical (General): Not Available
Special: None Known
Other: None Known

Protective Gloves: Recommended

Eye Protection: Recommended

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Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION (con't)
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Other Protective Clothing or Equipment: Wear goggles and gloves - Protective clothing to prevent eye and skin contact.

Work/Hygienic Practices: Employee must be instructed as to proper personal hygiene.

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Section 9 - PHYSICAL AND CHEMICAL PROPERTIES
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Boiling Point: Not Available Vapor Pressure: Not Available
Vapor Density: Not Available Solubility in Water: Not Available
Melting Point: Not Available Evaporation Rate: (butyl acetate 1): NA

Appearance and odor: Gray solid - slight phenolic odor.
Specific Gravity: 2.0 - 2/5/g/cc

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Section 10 - STABILITY AND REACTIVITY
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Stability: Stable

Conditions to avoid: Avoid contact with strong acids.

Hazardous Polymerization: Will not occur.

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

Hazardous Decomposition or By Products: Incomplete combustion may release toxic materials.

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Section 11 - TOXICOLOGICAL INFORMATION
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Information Not Available

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Section 12 - ECOLOGICAL INFORMATION
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Information Not Available

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Section 13 - DISPOSAL CONSIDERATIONS
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-Waste Disposal Method:
Dispose as regular trash.

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Section 14 - TRANSPORT INFORMATION
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Information Not Available

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Section 15 - REGULATORY INFORMATION
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Information Not Available

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Section 16 - OTHER INFORMATION
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NA - Not Available

NK - Not Known