



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT INFORMATION

Product Name:

Carbon Metallic, Semi Metallic, Z-rated disc Brake Pad **Reference: 5067**

Intended Use:

As a brake pad in automotive disc brake caliper systems.

Manufacturer:

Performance Friction Corporation

Address: 83 Carbon Metallic Highway Clover, SC 29710

Telephone: (803) 222-2141

Emergency Telephone: (CHEMTREC) 1-800-424-9300

Revision Date: 3/20/2016

Original Date: 10/3/2002

SECTION 2: HAZARDS IDENTIFICATIONS

HMIS Listing: Health – 1; Flammability – 0; Reactivity - 0

Potential Acute Health Effects:

Ingestion: May be harmful if swallowed.

Skin: Brief contact may cause slight irritation to the skin. Avoid prolonged contact.

Eyes: Irritating to the eyes.

Overexposure Effects:

Prolonged exposure of dust from inhalation may cause nasal track irritation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

General:

Proprietary mixture of iron, steel, and carbon.

Ingredient	CAS Number	OSHA PEL	ACGIH TLV	Concentration
Carbon	7440-44-0	10 mg/m3	5 mg/m3	Confidential
Carbonized Phenolic Resin	9003-35-4	10 mg/m3	5 mg/m3	Confidential
Other Ingredients	N/A			Confidential

SECTION 4: FIRST AID MEASURES

Inhalation: Remove to visual fresh air.

Ingestion: Obtain medical advice immediately.

Skin: Wash affected skin with soap and water. If irritation persists, seek medical attention.

Eyes: Flush eyes with water for at least 10 minutes. If irritation persists, seek medical attention.

Note to physicians: Medical personnel seeking to administer first aid are referred to the services of the Poisons Information Service who can advise in such instances. There is no specific antidote and treatment of overexposure should be directed at control of symptoms and the patient's clinical condition.



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SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product: No specific fire or explosion hazard.

Extinguishing media: Foam, Dry, Chemical, CO₂.

Unusual Fire and Explosion Hazards: Pressure may develop in closed containers if overheated.

Fire Fighting Equipment: Use SCBA. Water is not suitable as an extinguishing media, but may be used for cooling nearby containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Sweep up and dispose properly.

Waste Disposal Methods: Comply with all applicable regulations.

SECTION 7: HANDLING AND STORAGE

Storage: Store in a dry place. Store in original packaging until time of use.

Handling: No specific handling precautions are necessary.

Other Precautions: Avoid prolonged or excessive contact with dust.

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection: Dust mask should be used when removing worn pads.

Ventilation Type Required: Adequate to maintain level below established standards.

Local Exhaust: Yes Rate: > 60 fpm (general) Mech. (General) No

Gloves: Protect skin from dust.

Eye Protection: Face shield or safety glasses recommended

Other Clothing or Equipment: None required in normal use conditions.

Work Hygienic Practices: Basic good housekeeping. Wash hands with soap and water after contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Solid.

Odor: Odorless.

Taste: Not available.

Color: Gray-Black

pH: 7.0-10.0

Boiling Point: Not available.

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: 2.9-3.5.

Vapor Pressure: Not available.

Vapor Density: Not available.

Volatility: 4 wt%

Solubility: Insoluble in cold water, hot water.



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SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: N/A

Materials to Avoid: N/A

Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

(comments may be based on analogy to similar products)

Eye Contact: May cause eye irritation with repeated contact to dust.

Skin Contact: May cause skin irritation with repeated contact to dust.

Ingestion: May cause irritation, vomiting, nausea and diarrhea.

Inhalation: May cause respiratory, nose, and throat irritation with repeated contact to dust.

Chronic or Long Term Toxicity:

General: There are no reports of long term adverse affects in man.

Carcinogenicity: Not known to be carcinogenic.

Mutagenicity: Not known to be mutagenic.

Reproductive Toxicity: Major ingredients have not been shown to cause significant fertility or development problems at levels which are not themselves toxic to the animal concerned.

SECTION 12: ECOLOGICAL INFORMATION

(comments may be based on analogy to similar products)

Environmental Effects: No known significant effects or critical hazards.

Biodegradability: Not available

Other Adverse Effects: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous Waste: No.

Waste Disposal Methods: Comply with all applicable regulations.

SECTION 14: TRANSPORT INFORMATION

DOT ID Number: None

DOT Hazard Class: Nonhazardous by DOT Regulations

DOT Shipping Name: NA

Precautionary Label: None Required

Packing Group: NA

SECTION 15: REGULATORY INFORMATION

OSHA Regulations: Non-hazardous.

TSCA: Components are listed on the Toxic Substance Control Act Inventory.

SARA 313: None above concentration necessary amount.



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SECTION 16: OTHER INFORMATION

Legal Disclaimer:

The information contained herein is based on the present knowledge and experience of the manufacturer. It in no way constitutes the users own assessment of work place risk as required by other Health and Safety legislation. Performance Friction does not, by supplying this information, guarantee or warrant any specific properties or qualities of goods supplied. It is the responsibility of the purchaser to determine whether the goods ordered are fit for any purpose for which they may be required. This information is provided subject to Performance Friction's Conditions of Sale.

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1 (800) 424-9300*