

# SAFETY DATA SHEET

## SECTION I: PRODUCT AND COMPANY INFORMATION

**Product:** Underlayer  
**Manufacturer:** Performance Friction Corporation  
**Address:** 83 Carbon Metallic Highway  
Clover, SC 29710  
**Telephone:** (803) 222-2141

**Date Prepared:** 04/21/1999  
**Prepared By:** Brian Smith  
**Date Revised:** 03/20/2016  
**Revised By:** Denny Gaylor  
**Emergency:** CHEMTREC (800) 424-9300

**Intended Use:**  
In a brake pad in automotive disc brake caliper systems.

## SECTION II: HAZARDOUS IDENTIFICATION

**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 III: COMPOSITION/INFORMATION ON INGREDIENTS

**General:** Proprietary mixture of iron, steel, and carbon solids with polymer binder system.

## SECTION IV: 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 15 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.

## SECTION V: FIRE FIGHTING MEASURES

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

**Extinguishing media:** Foam, Dry, Chemical, CO<sub>2</sub>.

**Unusual Fire and Explosion Hazards:** NA

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

## SECTION VI: ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** Sweep up and dispose properly.

# SAFETY DATA SHEET

## SECTION VII: 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 VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

**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 IX: PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point**.....: NA

**Specific Gravity**.....: 2.9 - 3.5

**Vapor Pressure** (mmHg)....: NA

**Water Soluble**.....: No

**Vapor Density** (Air = 1)....: NA

**Water Reactive**.....: No

**Volume Percent Volatile**...: NA

**pH**.....: NA

**Appearance and Odor**.....: Solid, characteristic odor

## SECTION X: STABILITY AND REACTIVITY

**Stable**.....: Yes

**Conditions To Avoid**.....: NA

**Incompatibility**.....: NA

**Hazardous Decomposition Products**.....: Will Not Occur

**Hazardous Polymerization**.....: No

**Conditions To Avoid**.....: None Known

## SECTION XI: TOXICOLOGICAL INFORMATION

**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 no, themselves, toxic to the animal concerned.

## SECTION XII: ECOLOGICAL INFORMATION

**Environmental Effects:** No known significant effects or critical hazards.

# SAFETY DATA SHEET

**Biodegradability:** Not available  
**Other Adverse Effects:** No known significant effects or critical hazards.

## SECTION XIII: DISPOSAL INFORMATION

**RCRA Hazardous Waste:** No.  
**Waste Disposal Methods:** Comply with all applicable regulations.

## SECTION XIV: 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 XV: REGULATORY INFORMATION

**OSHA Regulations:** Non-hazardous.  
**TSCA:** Components are listed on the Toxic Substance Control Act Inventory.  
**SARA 313:** None above concentration necessary amount.

## SECTION XVI: OTHER INFORMATION

Indication of Changes:  
Abbreviations and acronyms: Hazards Not Otherwise Classified (HNOC)  
Key literature references and sources for data:  
Training Advice: None.

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.

*In Case of transportation Emergency, Call Chemtrec:  
1 (800) 424-9300*