

MATERIAL SAFETY DATA SHEET

SECTION 1—PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name

National Electrical Carbon Products Inc.

Emergency Telephone Number

(419) 436-8182

Address200 North Town Street
Fostoria, OH 44830**Date Prepared**March 1, 2005
(Replaces May, 2000 version)**Product Name**Carbon and Graphite Felt
MSDS No. SP-105**Trade Names and Synonyms****NATIONAL[®] Grade:**
All grades

SECTION 2—HAZARDS IDENTIFICATION

Potential Health Effects:

- Eyes:** Can cause irritation, primarily through mechanical abrasion.
- Skin:** Repeated or prolonged exposure can cause irritation, primarily through mechanical abrasion.
- Ingestion:** Ingestion is not a normal route of exposure. Large quantities could cause gastrointestinal irritation.
- Inhalation:** No significant inhalation hazards have been identified.

Physical Hazards:

Carbon and graphite fibers are electrically conductive and may cause short circuits and result in damage to, or malfunctioning of, electrical equipment. All forms of electrical equipment, enclosures, and circuits in or near areas where fibers are used should be properly protected against infiltration of, or contact with, airborne particles or fibers. Carbon and graphite fibers may create slippery floor conditions.

SECTION 3—COMPOSITION INFORMATION ON INGREDIENTS

MATERIAL	CAS NO.	% By Weight
Carbon and Graphite Felt	None	100

SECTION 4—FIRST AID PROCEDURES

- Eyes:** Flush with water. Seek medical attention if irritation continues.
- Skin:** If irritation develops, wash exposed area with soap and water. Remove contaminated clothing and launder clothing before re-use.
- Ingestion:** No adverse effects requiring first aid are anticipated by this route of exposure as a result of normal handling.
- Inhalation:** Remove to fresh air. Seek medical attention if coughing or other symptoms persist.

SECTION 5—FIRE FIGHTING MEASURES

This product is non-combustible.

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Flash Point: Not applicable.

Flammable Limits: Not applicable.

Extinguishing Media: Use suitable extinguisher for the surrounding fire.

Special Fire Fighting Procedures: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Unusual Fire and Explosion Hazards: Incinerating this material may generate airborne fibers which may cause electrical malfunctions.

SECTION 6—ACCIDENTAL RELEASE MEASURES

Vacuuming is preferable to sweeping if significant amounts of fibers/dust are released. Avoid creating and breathing airborne fibers/dust.

SECTION 7—HANDLING AND STORAGE

Practice good housekeeping to avoid the accumulation of dust in the workplace. Avoid creating and breathing airborne fibers/dust. Vacuuming is preferable to sweeping if significant amounts of fibers/dust are created. Wash hands thoroughly after handling and do not eat or drink in areas where handled.

SECTION 8—EXPOSURE CONTROLS/PERSONAL PROTECTION

MATERIAL	CAS NO.	% By Wt.	OSHA PEL	ACGIH TLV
Carbon and Graphite Felt	None	100	None established	None established

Ventilation: Provide sufficient general and local exhaust ventilation to control airborne fibers.

Respiratory Protection: If fibers are generated and ventilation is inadequate, use an appropriate NIOSH-approved respirator.

Protective Clothing: Wear normal work clothing.

Eye Protection: Wear ANSI-approved safety glasses with side shields if there is a hazard from flying particles.

SECTION 9—PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black felt	Odor:	No odor
Melting Point:	Not applicable	Boiling Point:	Not applicable
Vapor Pressure (mmHg):	Not applicable	Percent Volatile:	Not applicable
Vapor Density:	Not applicable	Evaporation Rate:	Not applicable
Solubility in Water:	Insoluble	Specific Gravity:	Not applicable

SECTION 10—STABILITY AND REACTIVITY

Generally stable and non-reactive.

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SECTION 11—TOXICOLOGICAL INFORMATION

Carcinogenicity: None of the ingredients in this product are listed as a carcinogen by IARC, OSHA or NTP.

SECTION 12—ECOLOGICAL INFORMATION

Carbon and graphite felt is inert and would be expected to be of negligible consequence in the environment.

SECTION 13—DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state, and local regulations.

SECTION 14—TRANSPORT INFORMATION

This product is not regulated as a hazardous material or dangerous good for transportation purposes by any known authority.

SECTION 15—REGULATORY INFORMATION

CERCLA:	This product is not a CERCLA Hazardous Substance.
Toxic Substances Control Act (TSCA):	This product is listed on the TSCA inventory.
SARA Title III, Section 313:	This product is not subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act.
OSHA:	No additional information.
State Regulatory Information:	No additional information.

SECTION 16—SPECIAL INFORMATION

Reasonable care has been taken in the preparation of the information contained in this Material Safety Data Sheet and the information provided is given in good faith. However, National Electrical Carbon Products, Inc. assumes no responsibility as to the accuracy of information drawn from raw material supplier Material Safety Data Sheets and other sources. No warranty, expressed or implied, is made. The information contained in this Material Safety Data Sheet relates to the product manufactured and sold by National Electrical Carbon Products, Inc.