SAFETY DATA SHEET

SECTION 1. **COMPANY IDENTIFICATION AND CHEMICAL PRODUCT**

Company Name: Lawrence Factor, Inc.
Address: 4790 NW 157 Street, Miami Lakes, FL 33014
Phone / Fax: 305-430-0550 / 305-430-0864

Product Name: Particulate Pads / Synthetic Fiber Felts
Product Use: Particulate Pads are white round or square sized polyester disks/sheets. They prevent passage of large dust and media particles.

Product Identification: Particulate Pad is a family of fiber products having similar hazard and physical property characteristics. These products are made from polyethylene terephthalate polymer (CAS #25038-59-9) and one or more surface finishes applied at <1% total weight of fiber.

SECTION 2. **HAZARDOUS IDENTIFICATION**

There are no known physical or health hazards associated with this product. In skin tests on human subjects, the fibers produced no irritation or sensitization.

The polymer immobilizes the constituents of the polymer system (delusterants, catalyst residues, etc.) which therefore, presents no likelihood of exposure under normal conditions of processing and handling.

However, exposure to chemical substances may occur as a result of processing these fibers. Processing may release and aerosolize the residual moisture and surface finishes. Heating the fibers may volatilize the finishes or produce a chemical change.

SECTION 3. **COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient: Polyethylene Terephthalate Polymer
CAS No.: #25038-59-9

SECTION 4. **FIRST AID MEASURES**

Inhalation: Not respirable in this form. Thermal processing of fiber may generate fumes and vapors which may cause irritation to the nose and throat.

Ingestion: Ingestion is not a probable route of exposure.

Skin: The product is not likely to be hazardous by skin contact but cleansing the skin after use is advisable. If in the case of molten polymer contacts the skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention to thermal burn.

Eye: If irritation develops, immediately flush eyes with plenty of water for at least 15 minutes and consult a physician.

SECTION 5. **FIRE AND EXPLOSION DATA**

Polyester staple will burn if exposed to flame. Decomposition products generated from molted polymer may be subject to auto ignition. Combustion products will be comprised of carbon, hydrogen and oxygen. The exact composition will depend on the conditions of combustion.

Extinguishing Media: All standard agents may be used.

SECTION 6. **ACCIDENTAL RELEASE MEASURES**

Sweep / vacuum and place in containers for disposal to an approved landfill or reuse.

SECTION 7. **SAFE HANDLING AND STORAGE**

Handling: Customary personal hygiene measures, such as washing hands after working with such fibers, are recommended.

Storage: Keep in a sealed dry container.

SECTION 8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

Adequate ventilation is recommended to maintain finish mist levels below 3 mg/m3 8-hour TWA.

Fire Fighting: Fire fighters should protect themselves from decomposition and combustion products that may include carbon monoxide and other toxic gases.

Health Hazard: Results from toxicity studies suggest that these fibers would pose no significant health problems under normal conditions of handling and use.

SECTION 9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	White delustered fiber
Physical State	Solid
Solubility in Water	Insoluble
Odor	No specific odor
Boiling Point	Not applicable
Melting Point	500°F

SECTION 10. **STABILITY AND REACTIVITY DATA**

Polyethylene terephalate is chemically stable and resistant to attach by oils, solvents, weak acids and alkalis. The polymer melts at approximately 500° F.

SECTION 11. **TOXICOLOGICAL INFORMATION**

No data available

SECTION 12. **ECOLOGICAL INFORMATION**

No data available

SECTION 13. **DISPOSAL CONSIDERATIONS**

These products are not classified as hazardous wastes under the Resource Conservation and Recovery Act and, unless prohibited by state or local regulation, can be disposed of in a municipal landfill or incinerated. Any finish oils contained in plant waste water should be biodegradable in conventional biological wastewater treatment systems.

SECTION 14. **TRANSPORT INFORMATION**

These fibers are not classified by the Department of Transportation as a hazardous material.

SECTION 15. **REGULATORY INFORMATION**

No additional regulatory information available.

Other Classifications:
The classification was made according to the latest editions of international substances lists and expanded upon from company and literature data.

HMIS® (USA)
Health Hazard 1
Fire Hazard 1
Reactivity..... 0
Personal Protection.....B

NFPA® (USA)
Health 1
Flammability..... 1
Reactivity..... 0

Suggested Personal Protection: Safety glasses, and gloves.

HMIS® and NFPA® ratings involve data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

- The information and recommendations set forth herein are believed to be accurate as of the date hereof. We make no warranty with respect thereto and disclaim all liability from reliance thereon.
- Container labeling-uses Hazardous Materials Identification System (HMIS®). Hazardous Index under this system rates degree of hazard from 0 to 4 in each category:
  0 = minimal hazard
  1 = slight hazard
  2 = moderate hazard
  3 = serious hazard

SECTION 16. OTHER INFORMATION

Product emergencies:
If you have a product-related emergency, resulting in an accident such as a spill or release of product or human exposure and need assistance from Lawrence Factor, please contact the following number:
LAWRENCE FACTOR, INC. 800-338-5493

General:

The data and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be accurate and are based on information which is considered reliable as of the date hereof. However, the customer should determine the suitability of such materials for his purpose before adopting them on a commercial scale. Since the use of our products by others is beyond our control, no guarantee, express or implied, is made and no responsibility assumed for the use of this material or the results to be obtained there from. Information on this form is furnished for the purpose of compliance with Government Health and Safety Regulations and shall not be used for any other purposes. Moreover, the recommendations contained in this data sheet are not to be construed as a license to operate under, or a recommendation to infringe, any existing patents, nor should they be confused with state, municipal or insurance requirements, or with national safety codes.

CAUTION: the user must be aware that this does not necessarily apply to spent product. Depending on the application, significant amounts of regulated, dangerous, hazardous or toxic materials may be adsorbed during normal use. Adsorbed substances can be released during subsequent handling and disposal, especially upon exposure to moisture or heat. The user needs to take appropriate measures for the safe handling and disposal of used product.

This information is furnished without warranty expressed or implied, except that it is accurate to the best knowledge of Lawrence Factor, Inc. The data on this sheet related only to the specific material designed herein. Lawrence Factor, Inc. assumes no legal responsibility for the use or reliance upon these data.