

Material Safety Data Sheet

Polymer Embedded Fabric 6519 (PEF 6519)

Ergodyne
1021 Bandana Blvd. East Suite 220
Saint Paul, Minnesota 55108
Phone 800-225-8238 Fax 800-222-3746

Updated: January 2012

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT TRADE NAME: PEF 6519

SYNONYMS: Air-Laid Nonwoven
Nonwoven Fabric

FINISHED FORM: Fabric-like sheets in rolls

MADE FOR: Ergodyne
1021 Bandana Blvd. East Suite 220
Saint Paul, Minnesota
55108

EMERGENCY TELEPHONE NUMBER: Phone 800-225-8238

SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

PEF 6519 is an article (29 CFR 1910.1200(c)) made from fibers, binders, absorbent polymers and process aids. As an article, an OSHA Material Safety Data Sheet is not required for PEF 6519. Nevertheless, this Material Safety Data Sheet is provided as a service to PEF 6519 customers.

Dust from PEF 6519 is defined by ACGIH as "Particulates Not Otherwise Classified (PNOC)". See SECTION 8.3 for ACGIH exposure guidelines.

SECTION 3 HAZARDOUS IDENTIFICATION

SECTION 3.1 Emergency Overview

PEF 6519 is a white, fabric-like sheet that is odorless and has felt-like drape and feel.

PEF 6519 will burn if involved in a fire. Combustion products mainly will be compounds of carbon, hydrogen and oxygen, including carbon monoxide.

SECTION 3.2 Potential Health Effects by Route of Exposure

EYE: Dust from PEF 6519 may cause mechanical irritation to eyes.

INGESTION: PEF 6519 dust should not be harmful if swallowed in association with exposures below ACGIH guidelines (see SECTION 8.3).

INHALATION: PEF 6519 dust should not be harmful if inhaled in amounts below ACGIH exposure guidelines (see SECTION 8.3).

SKIN ABSORPTION: Unlikely to occur. PEF 6519 is a dry fabric-like sheet.

SKIN CONTACT: Repeated handling of bulk PEF 6519 fabric may mechanically roughen hands.

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SECTION 4 FIRST AID MEASURES

- EYE:** Treat dust in eyes as foreign object. Flush with water to remove particles. Get medical help if irritation persists.
- INGESTION:** None suggested. PEF 6519 dust should not be harmful if swallowed in association with exposures below ACGIH guidelines (see SECTION 8.3).
- INHALATION:** None suggested. PEF 6519 dust should not be harmful if inhaled in amounts below ACGIH exposure guidelines (see SECTION 8.3).
- SKIN CONTACT:** None suggested. Since PEF 6519 is not expected to irritate skin, get medical attention if irritation occurs while handling PEF 6519.

SECTION 5 FIRE FIGHTING MEASURES

SECTION 5.1 Flammable Properties

PEF 6519 is a fabric-like sheet that can be ignited and will burn with a self-sustained flame. Combustion products mainly will be compounds of carbon, hydrogen and oxygen, including carbon monoxide.

SECTION 5.2 Explosion Properties

As with any dust, PEF 6519 dusts are potential explosion hazards. Explosion depends on dust concentration, moisture content, fiber length and heating rate.

SECTION 5.3 Extinguishing Media

Water is effective to extinguish burning PEF 6519.

SECTION 5.4 Fire-fighting instruction

Keep personnel removed from and upwind of fire. Wear appropriate fire-fighting gear and respiratory protection.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Collect for recovery or disposal.

SECTION 7 HANDLING AND STORAGE

Store in cool, dry location away from heat sources, open flames and sparks.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

SECTION 8.1 Engineering Controls

Minimize practices that generate dust. Use general mechanical and/or local exhaust ventilation to keep dust concentrations below exposure guidelines (See SECTION 8.3).

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SECTION 8.2 Personal Protective Equipment

Eye/face protection: Wear safety glasses or goggles where high dust levels are encountered.

General: Outer garments may be desirable in dusty areas.

Respiratory protection: Wear particulate filter and/or air-purifying respirator when allowable exposure limits may be exceeded.

Skin protection: Wear gloves to minimize potential mechanical irritation from handling product.

SECTION 8.3 Exposure Guidelines

Particulates Not Otherwise Classified (PNOC)	ACGIH TLV-TWA	10 mg/m ³ Inhalable 3 mg/m ³ Respirable
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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White, fabric-like sheet with felt-like drape and feel

ODOR: Odorless

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable.
CONDITIONS TO AVOID:	Dust deposits on hot pipes and machines.
INCOMPATIBILITY WITH OTHER MATERIALS:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.
HAZARDOUS POL YMERIZATION:	Will not occur

SECTION 11 TOXICOLOGICAL INFORMATION

No data are available.

SECTION 12 ECOLOGICAL INFORMATION

No data are available.

SECTION 13 DISPOSAL CONSIDERATIONS

Landfill or incinerate in accordance with federal, state and local requirements.

SECTION 14 TRANSPORT INFORMATION

PEF 6519 is a solid material (49 CFR 171.8). It is not explosive (49 CFR 173.50). It is not believed to be a flammable solid (49 CFR 173.124 Class 4, Divisions 4.1, 4.2 and 4.3). That is, PEF 6519 is neither a wetted explosive nor a self-reactive material. Furthermore, if tested, PEF 6519 would not be expected to exhibit a burning rate characteristic of readily combustible materials. PEF 6519 is neither an oxidizer nor an organic peroxide (49 CFR 173.127 Class 5, Divisions 5.1 and 5.2). PEF 6519 is neither poisonous material nor, when discarded as purchased, an infectious substance (49 CFR 173.130 Class 6, Divisions 6.1 and 6.2).

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SECTION 15 REGULATORY INFORMATION

SECTION 15.1 U.S. Federal Regulations

EPA

TOXIC SUBSTANCES CONTROL ACT (TSCA):

PEF 6519 is made from chemical substances included in the Inventory of chemical substances manufactured or processed in the United States.

SOLID WASTE DISPOSAL ACT/RESOURCE CONSERVATION AND RECOVERY ACT (RCRA): PEF 6519, discarded as purchased, is not hazardous waste. PEF 6519 does not have characteristics of ignitability (40 CFR 261.21), corrosivity (40 CFR 261.22), or reactivity (40 CFR 261.23) and, based on knowledge of its composition, PEF 6519 should not exhibit the toxicity characteristic (40 CFR 261.24). Furthermore, PEF 6519 is not included among the lists of hazardous wastes at 40 CFR Part 261, Subpart D.

FDA

FOOD DRUG AND COSMETIC ACT:

PEF 6519 meets the device definition when used as components in absorptive napkins.

OSHA OCCUPATIONAL SAFETY AND HEALTH ACT:

PEF 6519 is defined as an article by the Hazard Communication Standard 29 CFR 1910.1200(c); and, as such, a Material Safety Data Sheet (MSDS) is not required for PEF 6519. Nevertheless, this MSDS is provided to PEF 6519 customers as a service.

SECTION 15.2 International Regulations

CANADA:

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)

PEF 6519 is a manufactured item under CEPA, and as such exempt from pre-market review.

EUROPEAN UNION (EU):

DIRECTIVE 67/548 (as amended by DIRECTIVE 92/32)

PEF 6519 is an article under DIRECTIVE 92/32, and as such exempt from pre-market review.

JAPAN:

JAPAN MHW (MINISTRY OF HEALTH AND WELFARE) PROHIBITED INGREDIENTS FOR QUASI-DRUGS

Chemicals that may be found in PEF 6519 are either not included in the Japan Prohibited Ingredients List-Catamenial Pads (March, 1998); or, if included, are present at or below allowable levels.

SECTION 16 OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, TechNiche International makes no warranties or representations concerning the information in this document.