

# Material Safety Data Sheet

Material Name: PESF-N95 E/H Filtering Face Mask

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

The environmental properties of this product present a low environmental hazard. This product, when used under reasonable conditions and in accordance with directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

### Potential Health Effects: Eyes

No health effects are expected.

### Potential Health Effects: Skin

No health effects are expected.

### Potential Health Effects: Ingestion

No health effects are expected.

### Potential Health Effects: Inhalation

No health effects are expected.

### Potential Environmental Effects

This substance does not leach metals or other RCRA (Resource Conservation and Recovery Act) listed TCLP (Toxic Characteristic Leaching Procedure) hazardous substances at concentrations that would make the product a hazardous waste.

HMIS Ratings: Health: 0 Fire: 1 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

COMPOSITION	Outer Layer	Non-wovens	50g/m <sup>2</sup>
	1st Filter Layer	PP melt blown	50g/m <sup>2</sup>
	2nd Filter Layer	Hot Air Cotton	30g/m <sup>2</sup>
	3rd Filter Layer	PP melt blown	25g/m <sup>2</sup>
	Inner Layer	Non-wovens	25g/m <sup>2</sup>
	Headbands	PP & PE	5mm x 0.5 mm
	Nose Bridge	PP & Wire	5mm x 0.5 mm

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

No need for first aid is anticipated.

### First Aid: Skin

No need for first aid is anticipated.

### First Aid: Ingestion

No need for first aid is anticipated.

### First Aid: Inhalation

No need for first aid is anticipated.

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## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

No Data Available

### Hazardous Combustion Products

No Data Available

### Extinguishing Media

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

### Fire Fighting Equipment/Instructions

Self-contained breathing apparatus should be used if product is involved in fire.

**NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

None

### Clean-Up Procedures

No special cleanup procedures necessary.

### Evacuation Procedures

None

### Special Procedures

None

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

### Storage Procedures

Not applicable.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Engineering Controls

Not applicable.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Not applicable.

#### Personal Protective Equipment: Skin

Not applicable.

#### Personal Protective Equipment: Respiratory

Not applicable.

#### Personal Protective Equipment: General

Not applicable.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

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**Material Name:** PESF-N95 E/H Filtering Face Mask

**Appearance:** White, non-woven respirator shell with nose bridge and elastic bands

**Odor:** None

**Physical State:** Solid  
**Vapor Pressure:** NA  
**Boiling Point:** NA  
**Solubility (H2O):** NA  
**Evaporation Rate:** NA  
**Percent Volatile:** ND  
**Flash Point:** ND  
**Upper Flammability Limit (UFL):** ND  
**Burning Rate:** ND

**pH:** NA  
**Vapor Density:** NA  
**Melting Point:** ND  
**Specific Gravity:** ND  
**VOC:** ND  
**Octanol/H2O Coeff.:** ND  
**Flash Point Method:** NA  
**Lower Flammability Limit (LFL):** ND  
**Auto Ignition:** ND

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

None known.

### Incompatibility

None known.

### Hazardous Decomposition

Aldehydes (Condition: During Combustion); Hydrocarbons (Condition: During Combustion); Methane (Condition: During Combustion); Carbon monoxide (Condition: During Combustion); Carbon dioxide (Condition: During Combustion); Ketones (Condition: During Combustion); Toxic Vapor, Gas, Particulate (Condition: During Combustion); Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

### Possibility of Hazardous Reactions

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

### Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

### Carcinogenicity

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

### Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

## \*\*\* Section 13 - Disposal Considerations \*\*\*

### US EPA Waste Number & Descriptions

#### A: General Product Information

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

#### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

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Material Name: PESF-N95 E/H Filtering Face Mask

## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT Information

Shipping Name: Not Regulated

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

#### State Regulations

#### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

#### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

#### Additional Regulatory Information

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

### Key/Legend

NA - Not Applicable

ND - Not Determined

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

TLV - Threshold Limit Value

PEL - Permissible Exposure Limit

TWA - Time Weighted Average

STEL - Short Term Exposure Limit

NTP - National Toxicology Program

IARC - International Agency for Research on Cancer