

MATERIAL SAFETY DATA SHEET

MSDS PULAR AIRLAID

SECTION 1

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

SECTION 1.1 Identification of the Substance or Preparation SUBSTANCE

IDENTIFICATION: Pular airlaid

CHEMICAL NAME: None. Pular airlaid is an article.

CAS NUMBER: None. Pular airlaid is an article.

SECTION 1.2

Use of the Substance or Preparation

Pular airlaid is the trade name for grades of air-laid materials used primarily in tabletops and napkins.

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

Pular airlaid grades are made from cellulosic fibers and chemical binders. A colorant may or may not be added to the product.

SECTION 3

HAZARDS IDENTIFICATION

Pular airlaid is not dangerous according to the classification rules in Directives 67/548/EEC or 1999/45/EC.

SECTION 3.1

EMERGENCY OVERVIEW

Pular airlaid appears as white or colored, odorless sheets that may catch fire and burn if exposed to ignition sources such as sparks and open flames. Combustion products mainly are compounds of carbon, hydrogen and oxygen, including carbon monoxide.

SECTION 3.2

Potential Health Effects By Route Of Exposure

Chronic (Cancer): Pular airlaid ingredients are not carcinogens listed by IARC, NTP or OSHA.

Conditions Aggravated: Data are not available.

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SECTION 3.2 **Potential Health Effects By Route Of Exposure (cont'd)**

Eye: Pular airlaid dust may cause mechanical irritation to eyes.
Inhalation: Pular airlaid dust swallowed in association with exposures below published TLV's is not likely to be harmful. (See Section 8.1.)
Pular airlaid dust inhalation in association with exposures below published TLV's is not likely to be harmful. (See Section 8.1.).
Skin Absorption: Unlikely to occur.
Skin Contact: Repeatedly handling Pular airlaid sheets may mechanically roughen skin.

SECTION 4 **FIRST AID MEASURES**

SECTION 4.1 First Aid Procedures

Eye: Treat dust in eyes as a foreign object. Flush with water to remove. Get medical help if irritation persists.
Inhalation: Remove to fresh air. Get medical help if persistent irritation, severe coughing or breathing difficulty occurs.

SECTION 5 **FIRE FIGHTING**

MEASURES SECTION 5.1

Flammable Properties

Pular airlaid sheets can be ignited and will burn with a self-sustained flame. Combustion products include compounds of carbon, hydrogen and oxygen, for example carbon monoxide.

SECTION 5.2 Explosion Properties

Pular airlaid dust, as with any dust, is an explosion hazard.

SECTION 5.3 Extinguishing Media

Water is effective to extinguish burning Pular airlaid.
Appropriate. No extinguishing method is known to be unsafe for use with Pular airlaid.

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. No special personal or environmental precautions are necessary.

SECTION 7 **HANDLING AND STORAGE**

SECTION 7.1 Handling

Use equipment and practices appropriate for large, heavy items. Special precautions are not necessary.

SECTION 7.2 Storage

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

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SECTION 8 **EXPOSURE CONTROLS/PERSONAL**

PROTECTION SECTION 8.1 Exposure Limit Values

Pular airlaid dust may be considered Particulates (Insoluble) Not Otherwise Classified.

ACGIH TLV-TWA ¹	10 mg/m ³	Inhalable	
	3 mg/m ³	Respirable	
OSHA TLV-TWA ²	15 mg/m ³	Inhalable	¹ 1999 TLVs and BEIs, ACGIH
OSHA TLV-TWA ²	5 mg/m ³	Respirable dust	² 29 CFR 1910.1000, Table Z-1

SECTION 8.2 Exposure Controls

SECTION 8.2.1 Occupational Exposure Controls

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

SECTION 8.2.1.1

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

SECTION 8.2.1.2

Wear gloves to minimize potential mechanical irritation from handling.

SECTION 8.2.1.3

Wear safety glasses or goggles where high dust levels are encountered.

SECTION 8.2.1.4

Outer garments may be desirable in dusty areas.

SECTION 8.2.2

Special environmental exposure controls are not known.

SECTION 9 **PHYSICAL AND CHEMICAL PROPERTIES**

SECTION 9.1 General Information

Appearance: White or colored sheets

SECTION 9.2 Important Health, Safety and Environmental Information

Boiling Point (760 mmHg):	Not applicable
Evaporation Rate (Butyl Acetate = 1):	Not applicable
Flash Point (Method Used):	Not applicable
Melting Point:	Not applicable
pH:	Not applicable
Solubility in Water:	Not expected to exceed 1%
Specific Gravity (H ₂ O = 1):	1.5
Vapor Density (Air = 1):	Not applicable
Vapor Pressure (mmHg at 20°C):	Not applicable

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SECTION 9.3 Other Information

None

SECTION 10 **STABILITY AND REACTIVITY**

SECTION 10.1 Conditions to Avoid Dust deposits on hot pipes and machines.

SECTION 10.2 Materials to Avoid, Open flames, sparks and strong oxidizing agents, e.g. concentrated nitric, and sulfuric acid.

SECTION 10.3 Hazardous Decomposition Products

Chemical Stability: Pular airlaid is stable
Hazardous Decomposition Products: None known
Hazardous Polymerization: Will not occur

SECTION 11 **TOXICOLOGICAL INFORMATION**

Information is available upon request.

SECTION 12 **ECOLOGICAL INFORMATION SECTION**

12.1 Ecotoxicity

No data are available.

SECTION 12.2 Mobility

Pular airlaid will not migrate into groundwater or travel far from the site of release.

SECTION 12.3 Persistence and Biodegradability

No data are available.

SECTION 12.4 Bioaccumulative Potential

No data are available.

SECTION 12.5 Other Adverse Effects

No data are available.

SECTION 13 **DISPOSAL CONSIDERATIONS**

EUROPEAN UNION:

Pular airlaid does not have the properties of a hazardous waste (Council Directive 94/31/EC), and it may be disposed in Member Countries according to Council Directive 75/442/EEC, as amended.

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SECTION 13

DISPOSAL CONSIDERATIONS (cont'd)

UNITED STATES:

Pular airlaid is not a hazardous waste, and it may be land filled or incinerated according to federal, state and local requirements.

SECTION 14

TRANSPORT INFORMATION

The U. S. Department of Transportation does not regulate Pular airlaid as a hazardous material.

SECTION 15

REGULATORY INFORMATION

Regulatory information is provided as a service to our customers. This information may not address all applicable local, state, national and international regulations. The customer is responsible to determine regulatory information that is relevant to their usage of this product. If further assistance is needed, contact Phoenix Fabrikations bv.

SECTION 16

OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, Phoenix Fabrikations bv makes no warranties or representations concerning the information in this docume