



**Ahlstrom Nonwovens LLC**  
**Material Safety Data Sheet**

**Grade WL160480**

**0. Introduction**

The information and recommendations contained herein are based upon data believed to be correct. However, since much of the information has been received from sources outside our company, we cannot guarantee its accuracy or completeness. Health and safety precautions contained within this data sheet may not be adequate for all individuals and/or situations. Additionally, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

**1. Product Identification**

1.1. Identification of the product  
Grade WL160480

1.2. Company Identification

Company/Plant where information on the product safety is available

Location: Windsor Locks  
Name: Ahlstrom Nonwovens LLC  
Address: 2 Elm Street  
City: Windsor Locks  
State/Province: CT  
Zip Code: 06096  
Country: USA  
Phone: 860-654-8300  
Fax: 860-654-8301

Department/Person responsible for the product safety

Department: Safety  
Contact Person: Ryan Hurt  
Address: 2 Elm Street  
City: Windsor Locks  
State/Province: CT  
Zip Code: 06096  
Country: USA  
Phone: 860-292-5624  
Email: ryan.hurt@ahlstrom.com

Issue Date / Date last received: 2002/06/05

**2. Composition**

Identification of the type of nonwoven product.

- 2.1. Nonwoven: Wet laid
- 2.2. Nature of the fiber(s): Mixture of polyester and cellulosic fibers

2.3.	Web surface treatment - Concentration above 1%?:	None
2.4.	Binder:	Proprietary resin binder
2.5.	Additives:	None
2.6.	Other major components:	None
2.7.	Chemicals (in relevant concentrations) that are in the list of hazardous constituents:	Fabric may contain up to 550 ppm formaldehyde based on the maximum level of formaldehyde in raw materials.

### 3. Hazards Identification

Nonwoven:

No hazardous product under normal conditions. Accidental thermal decomposition or melting state can present hazards.

### 4. First-aid Measures

		Under normal conditions
4.1.	Inhalation:	No specific measure to be taken.
4.2.	Skin contact:	No specific measure to be taken.
4.3.	Eye contact:	No specific measure to be taken.
4.4.	Ingestion:	No specific measure to be taken.

### 5. Fire Fighting Measures

5.1.	Suitable extinguishing media:	Water, foam, carbon dioxide, dry chemical or other suitable media.
5.2.	Extinguishing media not to be used:	None
5.3.	Special exposure hazard:	For flammable and toxic fumes as well as skin contact with molten materials, see Section 10.
5.4.	Special protective clothing for fire-fighter:	None

### 6. Accidental Release Measures

Not applicable

### 7. Handling and Storage

Normal Requirements

### 8. Exposure Controls / Personal Protection

No specific measures

### 9. Physical and Chemical Properties

Appearance	
(color of product as supplied):	Nonwoven fabric, various colors
pH:	Not applicable
Boiling Point (boiling range):	Not applicable
Melting Point (melting range):	200 - 260°C polyester
Flash Point:	Not applicable
Flammability:	Not easily flammable (see part 10)
Autoflammability (temperature), Autoignition Temperature:	232°C cellulose; > 500°C polyester

Explosive Properties:	Not applicable
Oxidizing Properties:	Not applicable
Vapor Pressure:	Not applicable
Relative Density:	Not applicable
Solubility - in water:	Insoluble
- in fat:	Insoluble
Partition Coefficient (octanol/water):	Not applicable

## 10. Stability and Reactivity

Conditions to avoid:

Under thermal decomposition, flammable and toxic fumes can be generated. Above 300°C may be released: toxic and flammable gases, carbon monoxide. The generation of cleavage and oxidation products is subject to fire conditions. After fire fighting, the unburned residues and contaminated water should be disposed of in compliance with official regulations. Molten material should not be allowed to be in contact with the skin to which it can adhere and can cause burns.

## 11. Toxicological Information

No toxic reaction under normal conditions. Note: Under decomposition conditions, toxic fumes and contaminated water, see Section 10.

## 12. Ecological Information

For transportation, storage, and normal use, no toxicological effect known. Possible water pollution if components are washed out.

## 13. Disposal Considerations

As non-hazardous solid waste, depending on local regulation, nonwovens can be disposed of through:

Recycling:	Yes
Composting:	No
Incineration:	Yes
Landfill:	Yes

## 14. Transport Information

Not regulated by Department of Transportation

## 15. Regulatory Information

All components in this product comply with applicable requirements to the US EPA TSCA inventory under 40 CFR Part 710 and 720.

## 16. Other Information

None