

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

**Product Name:** AQUABARRIER II, COMFORTBARRIER

**Chemical Name:** Polyethylene foam

**Product Use/Class:** Moisture barrier and cushion underlayment for flooring

**Company Information:** Mannington Mills, Inc.  
P.O. Box 30, Rte. 45  
75 Mannington Mills Road  
Salem, New Jersey 08079  
Phone: (856) 935-3000

**Phone Numbers:** **Product Emergency:** (866) 359-5602  
**Spill Response:** (800) 424-9300

**Effective Date:** 17/May/2003 **Reason for Revision:** Updated MSDS format  
**Supersedes Date:** 01/Nov/2002

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight%	Exposure Guidelines				
			ACGIH - TLV		OSHA - PEL		Other
			TWA	STEL	TWA	Ceil	
Polyethylene	N.A.	N.A.	N.A.	N.E	N.A.	N.A.	
Antimonytrioxide	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

**SECTION 3 - HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**Form:** Solid, rolled foam material  
**Color:** Varies  
**Odor:** Negligible odor

**WARNING STATEMENTS**

None

**POTENTIAL HEALTH EFFECTS****Primary Routes of Exposure**

**Eye contact:** May cause eye irritation.  
**Skin contact:** May cause skin irritation or dermatitis.  
**Inhalation:** Inhalation at ambient temperatures not an expected route of entry. If cutting or grinding, dust particles could be inhaled. At elevated temperatures fumes may cause irritation. Be familiar with precautions for adhesives.  
**Ingestion:** Small amounts if ingested are not expected to cause injury.  
**Chronic:** Repeated skin contact may cause irritation or dermatitis.

**Other:** None

Refer to Section 11 for toxicological information.

## SECTION 4 - FIRST AID MEASURES

**If in Eyes:** Flush eyes immediately with large amounts of water for at least fifteen (15) minutes. Seek medical attention.

**If on Skin:** Immediately wash affected area with soap and water. Consult physician if irritation persists.

**If Inhaled:** Not expected. Remove to fresh air and seek medical assistance if adverse reaction to adhesive

**If Swallowed:** Seek medical attention only if considerable amount has been swallowed.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point:** Not available

**Lower Explosive Limit (LEL) %:** Not available

**Upper Explosive Limit (UEL) %:** Not available

**Auto-Ignition Temperature:** Not available

**OSHA Flammability Classification:** Not available

**Hazardous Products of Combustion:** See Section 10.

**Extinguishing Media:** Carbon dioxide, dry chemical foam, water fog.

**Unusual Fire and Explosion Hazards:** Polyethylene is combustible. Polyethylene foam contains some residual flammable blowing agent which might accumulate to produce concentrations in the explosive range.

**Fire Fighting Equipment:** As with any fire involving plastic, toxic fumes may be released. Use self-contained breathing apparatus.

**Miscellaneous Advice:** None

See Section 10.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** None.

**Methods for clean-up:** Due to its inert properties, scrap pieces may be swept up and disposed of. Disposal should be done in accordance with all local, state, and federal regulations.

Refer to Section 13 for disposal information.

Refer to sections 14 & 15 for reportable quantity information.

## SECTION 7 - HANDLING AND STORAGE

**Handling:**

Further processing of foam can release residual flammable blowing agent. Air must be circulated in work areas to prevent build-up of flammable material.

**Storage:**

Store in cool, dry well ventilated areas. Keep away from excessive heat or sources of ignition such as sparks or flames. Scraps or parts for disposal should be stored and shipped in ventilated containers.

Consult the Mannington Professional Installation Guide for additional information on handling and storage.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls:</b>	Install in well ventilated areas.
<b>Respiratory Protection:</b>	None normally required, unless adhesives or other installation materials so warrant.
<b>Eye Protection:</b>	Use safety glasses with side shields.
<b>Hand and Skin Protection:</b>	Neoprene or nitrile gloves are recommended if an individual experiences skin
<b>Other Protective Equipment:</b>	None
<b>Hygienic Practices:</b>	Wash hands before eating, smoking , or using toilet facilities. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid foam	<b>Decomp temp:</b>	480 deg F
<b>Physical State:</b>	Solid foam	<b>Density:</b>	2.0 lb/cu ft

## SECTION 10 - STABILITY AND REACTIVITY

<b>Conditions to avoid:</b>	High temperatures
<b>Materials to avoid:</b>	Strong oxidizing agents.
<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	None
<b>Hazardous Polymerization:</b>	Will not occur
<b>Hazardous Decomposition Products:</b>	Temperatures above 480 deg F could cause product degradation and generation of toxic vapors.

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Product LD50 (Oral):</b>	No information known
<b>Product LD50 (Dermal):</b>	No information known
<b>Product LC50:</b>	No information known
<b>Immediate (Acute) Effects:</b>	No information known
<b>Delayed (Subchronic &amp; Chronic) Effect:</b>	No information known

## SECTION 12 - ECOLOGICAL INFORMATION

No information known

## SECTION 13 - DISPOSAL CONSIDERATIONS

<b>US EPA RCRA Status:</b>	N.A.
<b>Disposal Considerations:</b>	N.A.
<b>Disposal Method:</b>	See below
<b>Miscellaneous:</b>	Disposal should be done in accordance with all local, state and federal (40 CFR Part 261) regulations. Be aware that state and local requirements differ widely depending on location and may in many cases be different from federal rules.

## SECTION 14 - TRANSPORT INFORMATION

**The information provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transport.**

**DOT Proper Shipping Name:** Not regulated  
**DOT Hazard Class:** Not regulated  
**DOT UN/NA Number:** Not regulated  
**Packing Group:** Not regulated  
**Emergency Response Guide Number:** Not regulated  
**Other:** Not regulated

## SECTION 15 - REGULATORY INFORMATION

**U.S. Federal Regulations:**

**SARA Section 313:** The flame retardant has an additive that appears on SARA 313.

**Toxic Substances Control Act:**

**Inventory Status:** A chemical substance in this product is on the TSCA Section 8 Inventory.

**Export Notification:** This product may contain substances subject to the reporting requirements of TSCA 12(f)

**Other:** California Proposition 65 - This product may contain trace levels of chemicals known to the state of California to cause cancer or reproductive damage.

## SECTION 16 - OTHER INFORMATION

			Health	Fire	Reactivity	Additional Information
<b>Hazard Rating:</b>			0	0	0	

**Keep out of reach of children.**

**Legend:**

N. A. - Not Available	ppm - parts per million
S - Skin	NIOSH - National Institute for Occupational Safety
C - Ceiling (Exposure Levels)	ACGIH - American Conference of Government Industrial Hygienist
PEL - Permissible Exposure Limits	TLV - Exposure limits developed by ACCIH
MSHA - Mine Safety and Health Adm	TWA - Time Weighted Average
TSCA - Toxic Substances Control Act	STEL - Short-Term Exposure Limit
CIH - Certified Industrial Hygienist	HAZCOM - Hazard Communication Standard (29CFR1910.1200)
NFPA - National Fire Protection Association	
OEL - Occupational Exposure Limit	
OSHA - Occupational Safety and Health Administration	
CERCLA - Comprehensive Environmental Response, Comprehensive and Liability	

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