

Material Safety Data Sheet

Product Name: TRANSFILM Anti-Transpirant

MSDS No.: 834-6

Version No.: 003

EPA Registration No.: -None-

1. Basic Information:

Manufacturer: PBI/Gordon Corporation
Address: 1217 West 12th Street
City, State Zip: Kansas City, MO 64101-1407
Information Contact: Environmental, Health, & Safety Dept.
Information Telephone Number: (816)421-4070
Emergency Contact: Chemtrec
Emergency Telephone Number: (800)424-9300



1	Health
0	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 10/2/00

Chemical State: Liquid Gas Solid
 Chemical Type: Pure Mixture

2. Ingredients:

Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z						
111422	Diethanolamine	1.7	N	N	N	N	Y	NI	0.46 ppm	3 ppm	

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

4. First Aid Measures:

Route(s) of Entry:

Contact, inhalation and ingestion.

Health Hazards (Acute and Chronic):

EYES: Contact may cause irritation and burning.

SKIN: Contact may cause irritation and reddening.

INHALATION: May irritate respiratory tract.

INGESTION: May irritate gastrointestinal tract.

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

Existing dermatitis may be aggravated by overexposure.

Emergency First Aid Procedure:

EYES: Flush with large amounts of clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

SKIN: Remove contaminated clothing. Bathe and shampoo with soap and water to remove chemicals from skin and hair. If irritation persists, seek medical attention. Launder contaminated clothing separately prior to reuse.

INHALATION: Remove victim to fresh air. If irritation persists, seek medical attention.

INGESTION: Call a physician or Poison Control Center.

Other Health Warnings:

NI

5. Fire Fighting Measures:

Flash Point: >220°F **F.P. Method:**

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Water spray, dry chemical, CO2 or foam.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion:

Burning may produce irritating or poisonous gases.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

See Section 8 for Personal Protective Equipment. Contain and collect the spilled material with inert absorbent, and place in containers for proper disposal.

7. Handling and Storage:

Precautions to be Taken:

Avoid contact with skin. Keep from children and pets. Avoid cross-contamination of food and feed. Do not reuse container.

Other Precautions:

NI

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local exhaust.

Personal Protective Equipment:

EYE PROTECTION: Safety glasses or goggles.

PROTECTIVE CLOTHING: Long sleeves and pants; chemical-resistant gloves and shoes.

RESPIRATORY PROTECTION: If exposure limits may be exceeded,

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Exposure Controls/Personal Protection (Continued)

wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a NIOSH approved respirator with any R, P or HE filter.

9. Physical and Chemical Properties:

Boiling Point: 220°F **Melting Point:** NI
Evaporation Rate (Butyl Acetate = 1): <1
Vapor Pressure (mm Hg.): <17@20°C
Vapor Density (Air = 1): >1
Specific Gravity (H2O = 1): 0.98429
Solubility in Water: Infinite.
Appearance and Odor: Milky white suspension; banana odor

Other Information:

pH: 9.0-10.0
Freezing point <35°F
Density: 8.2 pounds/gallon

10. Stability and Reactivity:

Stability:
Stable.

Incompatibility (Materials to Avoid):
Do not mix with acidic materials as this may ruin the product.

Decomposition/By-Products:
None known.

Hazardous Polymerization:
Will not occur.

11. Toxicological Information:

No toxicological data available.

12. Ecological Information:

13. Disposal Considerations:

Cover and label the containers. Waste product, absorbent and waste water should be disposed of according to local, state and Federal regulations. Contact the local EPA for assistance.

14. Transport Information:

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Freight Class: Adhesive, Adjuvants, Spreaders or Stickers, Liquid - NMFC #4610

In our current available sizes, this product does not qualify as a Hazardous Material.

15. Regulatory Information:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: All components of this product that are required to be on the TSCA inventory are listed on the inventory.

CERCLA REPORTABLE QUANTITY: 5882 pounds of the formulation

Regulatory Information (Continued)

which contains 100 pounds of Diethanolamine

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None
SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard, Delayed Health Hazard
SECTION 313 TOXIC CHEMICALS: Diethanolamine, CAS# 111-42-2

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

16. Other Information:

REASON FOR ISSUE: To revise MSDS to the ANSI Z400.1-1998 format

NOTE: NI means not indicated.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.