

JAN 14 1994

Beatrice C. Hubbard  
 Reemay, Inc.  
 P.O. Box 511  
 70 Old Hickory Blvd.  
 Old Hickory, TN 37138-3651

Dear Ms. Hubbard:

Subject: Revised Labeling  
 Biobarrier I-4  
 EPA Registration No. 59823-1  
 Your Submission Dated August 31, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Rewrite the second sentence of the Environmental Hazards section to read "Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."
- 2) Vertical applications with the top edge flush with the soil surface as recommended in the application directions is unacceptable. In order to avoid the possibility of direct exposure to the pesticide-impregnated fabric, it must be specified that the top edge must be at least one inch under the soil surface.
- 3) In the directions for horizontal applications, the recommendation of a minimum of one inch soil overlay is unacceptable. It is unrealistic to expect that horizontal applications will remain completely buried when other factors, such as normal erosion, are considered. This would result in a substantially higher risk of exposure. Therefore, it must be specified that the product must be under at least two inches of soil.

**BEST AVAILABLE COPY**

CONCURRENCES							
SYMBOL	W7505C						
SURNAME	D. KENNY						
DATE	11/13/94						

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

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CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

## Precautionary Statements

### Hazards to Humans and Domestic Animals

#### CAUTION:

Causes eye irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes, on skin, or clothing. The active ingredient trifluralin may cause skin sensitization reactions in certain individuals.

Use eye protection and protective clothing such as coveralls, a long sleeve shirt, and impermeable gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### Environmental Hazards:

This pesticide is toxic to fish. Do not apply directly to areas where surface water is present or to intertidal areas below the mean high water mark.

#### Physical Hazards:

Do not store near heat or open flame.

## Directions for Use:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### STORAGE AND DISPOSAL

**Storage:** Store in original container only. Store in dry place out of direct sunlight.

**Pesticide Disposal:** Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty container. Then dispose of wrap and/or box in a sanitary landfill or by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

# Bio barrier®

## Root Control System

BioBarrier is a multi-year root control system consisting of time-release nodules impregnated with a herbicide. The nodules are attached permanently to a flexible and permeable geotextile fabric which can be contour applied to a wide variety of applications and which will inhibit plant root encroachment in the applications set forth below.

#### Active Ingredient:

Trifluralin ( $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine).. 17.1%

Inert Ingredients:..... 82.9%

TOTAL 100.0%

## KEEP OUT OF REACH OF CHILDREN

# CAUTION

**If in eyes:** Flush eyes with plenty of water. Call a physician.  
**If swallowed:** Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.  
**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation develops.  
**If inhaled:** Remove individual to fresh air. If breathing difficulty occurs, get medical attention.

See Side Panel for Additional Precautionary Statements.

Mfg. by:



70 Old Hickory Blvd.  
P.O. Box 511  
Old Hickory, TN 37138  
1-800-257-6687

EPA Registration No. 59823-1  
Establishment No. 59823-TN-1

**Applications Direct:** BioBarrier® is ready for use soon as practical after received. The fabric is sealed shipping containers to direct sunlight. Prolonged exposure reduces effective life of the product. Used portions of the product in the original container.

BioBarrier can be installed vertically, horizontally, or in applications typically used in trench digging equipment. Cable codes when direct. Vertical fabric position suspending it at the top. Horizontal applications must hold down pegs. Surfaces involve a variety of hole fabric position. In all cases must be no further than order to assure a complete plane. Fabric should be 18" beyond structure. Roots can grow around a minimum of 1" soil or maintained for horizontal applications, flush with the soil surface.

BioBarrier used in retrofits. Roots are already present. Interrupted with a root device. Root control. Roots penetrate fabric.

**Disclaimer of Warranty:** The Seller makes no warranty on this product or its use. The standard specifications. The Seller makes no warranty on chantability or fitness for purpose, or any other warranty.

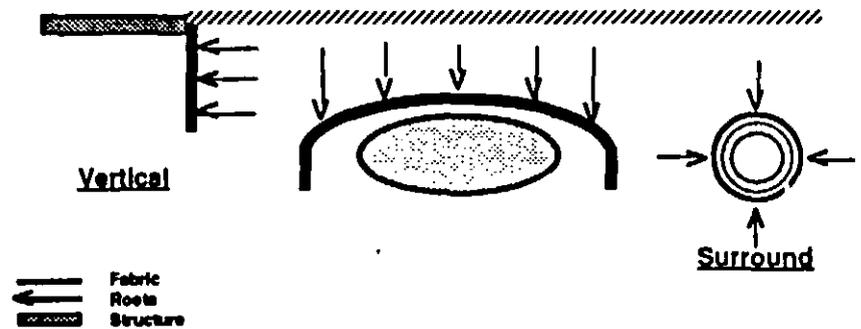
BEST AVAILABLE COPY

**General Directions:**

Biobarrier® is a multi-year root control system which is strategically positioned in the soil to protect structures from plant root encroachment (see applications). Biobarrier controls roots by establishing an in-soil barrier plane of trifluralin, which prevents root tip cell division. Roots are either stopped or redirected away from structures. Trifluralin is not systemic but can limit root mass. The multi-year feature of Biobarrier is provided by a time-release mechanism which continues to meter trifluralin into the soil as the exposed trifluralin biologically and chemically degrades. Structure protection is provided by placing the Biobarrier fabric between the root source and the structure. Since the fabric is flexible and permeable, installation may be custom contoured to obtain the most desirable root system redirection for the application and/or to accommodate obstacles.

## Biobarrier Applications\*

- |                          |                           |
|--------------------------|---------------------------|
| Curbs                    | Sidewalks                 |
| Roads                    | Planting Beds             |
| Septic Fields            | Tennis Courts             |
| Swimming Pools           | Building Foundations      |
| Bike/Golf Cart Paths     | Hazardous Waste Landfills |
| Utility Substations      | Underground Pipes/Cables  |
| Burial Vaults/Tombstones |                           |



**\*Non Food / Ornamentals**

Buyer assumes all risk and liability resulting from use of the products delivered hereunder, whether used singularly or in combination with other products. All statements concerning this product apply only when used as directed.

**Limitation of Damages**

No claim of any kind, whether as to products delivered or for nondelivery of products, and whether or not based on negligence, shall be greater in amount than the purchase price of the products in respect to which damages are claimed. No charge or expense incident to any claims will be allowed unless approved by an authorized representative of Seller. Products shall not be returned to seller without Seller's prior permission, and then only in a manner prescribed by Seller. The remedy hereby provided shall be the exclusive and sole remedy of Buyer, and in no event shall either party be liable for special, indirect or consequential damages, whether or not caused by or resulting from the negligence of such party.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JAN 14 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

59823-1

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