

Durotex® 7599

A BACTERIOSTATIC AND FUNGISTATIC EMULSION CONCENTRATE FOR TEXTILES AND ADHESIVES
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed.

FIRST AID

If splashed on skin, wash thoroughly with soap and water. If splashed in eyes, wash eyes immediately with copious amounts of water and secure medical attention immediately. Wash after handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. Do not apply directly to water.

DIRECTIONS FOR USE

NOTICE TO USER:

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Triple rinse empty containers and offer for recycling. Metal drums that cannot be reconditioned and recycled, should be punctured or crushed and disposed of in a landfill, or other procedure approved by state and local authorities.

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

In cotton, spun rayon or polyester fabrics or blends thereof, a level of from 2% to 5% DURETAX will afford excellent protection against attack by surface growing bacterial and fungal organisms.

The higher level of protection is recommended for use in fabrics which will be subjected to weathering. For such applications the use of a water repellent or resin binder is recommended. Many commercial water repellent formulations, as well as binders such as PVA or acrylics, are compatible with the DURETAX compounds, and will greatly aid in the creation of a more durable system.

For mattress ticking fabrics a level of 2% to 3%, based on the finished weight of the fabric, is recommended. A resin binder such as PVA or acrylic cleared for textile use by the FDA should be employed.

For the protection of adhesives (non-food grade), latex emulsions, and similar systems, a level of 0.75 to 2% is sufficient to protect the product against bacterial or fungal deterioration.

FOR ADDITIONAL INFORMATION REFER TO TECHNICAL DATA SHEET

Active ingredient:

10, 10'-oxybisphenoxarsine 2.0%
(Total arsenic as elemental As - 0.60%)
(Water soluble arsenic as elemental As - Less than 0.02%)

Inert ingredient:

98.0%

FOR ADDITIONAL INFORMATION REFER TO TECHNICAL DATA SHEET

READ THIS LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional precautionary statements.

FOR INDUSTRIAL USE ONLY

Licensed for use under U.S. Patent No. 3,069,252

EPA REGISTRATION NO. 2829-89
EPA EST. REGISTRATION NO. 2829-IL-1

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

MORTON THIOKOL, INC.

Ventron Division

150 Andover Street, Danvers, Massachusetts 01923

ACCEPTED

MAY 1-8 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2829-89

#2829-89
Pg. 2 of 4
12/21

Durotex 7599
Durotex 7603
Durotex 7604

DESCRIPTION

Durotex antimicrobials are highly effective emulsion concentrates formulated for incorporation into textiles, non-food grade glues and adhesives, latexes, and similar products. Ventron's Durotex product series offers a unique range of emulsion systems for maximum compatibility with a wide range of textile treatment baths and adhesive formulae. Durotex treated products provide protection against deterioration, staining, and unsightly changes in surface appearance caused by bacterial or fungal attack.

Many commercial water repellent formulations, as well as binders such as polyvinylacetate or acrylics, are compatible with the Durotex antimicrobial and will enhance the durability of the system.

Susceptible products successfully protected with Durotex antimicrobials include:

- Adhesives (non-food grade)
- Glues (non-food grade)
- Ink bases
- Latex emulsions
- Wallpaper constructions
- Base fabrics for vinyl coated constructions
- Awning and tarpaulin fabrics
- Mattress ticking
- Pipe wrapping fabrics

DIRECTIONS FOR USE

For the protection of adhesives, emulsion polymers, and similar susceptible aqueous systems, a level of from 0.75% to 2.0% Durotex is sufficient to protect the product against bacterial or fungal deterioration.

In cotton, spun rayon, polyester fabrics or blends thereof, a level of 2-5% Durotex will impart excellent protection against attack by surface growing fungal organisms. The higher level of protection is recommended for use in fabrics which will be subjected to weathering or leaching conditions. In such applications, the use of a water repellent or resin is recommended.

For mattress ticking fabrics, a level of 2-3%, based on the finished weight of the fabric is recommended. A resin binder such as PVA or acrylic, cleared for textile use by the Food and Drug Administration, should be employed. Durotex 7599, 7603, and 7604 are acceptable for use in fabrics that may be in limited contact with the skin. Starch binders that dust readily must be avoided.

The treating solution should be applied either on a slasher or on pad and nip equipment, after which the treated fabric should be dried on conventional drying equipment.

Because of the rewetting properties of Durotex 7599, its use is not recommended in conjunction with water repellents, or where leach resistance is desirable.

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TYPICAL PROPERTIES

	<u>DUROTEX #7599</u>	<u>DUROTEX #7603</u>	<u>DUROTEX #7604</u>
Active ingredient 10,10'-oxybisphenoxarsine	2%	2%	2%
Specific gravity @ 25°C	0.99-1.01	1.00-1.10	0.97-1.00
% Solids	71-75	24-27	23-26
Color	Off-white	Off-white	Off-white
Type of emulsifier system	Non-ionic	Anionic	Cationic
pH of aqueous solution	6.0-7.0	6.0-7.0	3.0-4.0
Standard Packaging New Weight/Drum	250 lbs.	250 lbs.	250 lbs.
EPA Registration No.	2829-89	2829-90	2829-91

HANDLING PRECAUTIONS

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