

TECHNICAL BULLETIN

ECCO MP-2006

APPLICATIONS:

Assuming a 70% wet pickup from a normal padding operation, the use of the following is suggested:

- 3.5% sol'n will give 0.49% G-4 deposited
- 10.0% sol'n will give 1.4 % G-4 deposited

We suggest the following general formula for preparing a bath:

- 10% (ECCOPEL) (ECCOPEL Z) (ECCOPEL SPX)
- 10% ECCO MP-2006 (=1.4% active @ 70% pickup)
- 80% Water

water repellent. Add the remaining 20 parts of water cold. Add the ECCO MP-2006 and stir; apply by padding, 2 dips 2 nips, to obtain a minimum of 70-75% wet pickup. Oven dry at 260-300°F.

In cases when zirconium salts are present as part of the water repellent, cool the water repellent bath to 120°F. before adding the ECCO MP-2006. If higher temperatures are permitted, bath instability will result.

In exhaustion type applications, the bath and fabric should be run at 100°-120°F. for 20-30 minutes.

WARNING!...AVOID CONTACT WITH SKIN OR EYES, may cause eye damage or skin irritation. Protective face shield should be worn by worker handling this product. In addition, elbow length rubber gloves and a protective rubber apron should be worn. Wash face and hands well after working with this product.

FIRST AID: Harmful if swallowed. If swallowed, do not induce vomiting. Drink egg-whites, milk, gelatin solution, large amounts of water and see physician. If in contact, flush skin and eyes thoroughly with water. For eyes, get medical attention immediately!

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product as specified.

EPA REG # 6009-7
EPA EST # 6009-RI

The information given in this Bulletin is, to the best of our knowledge, accurate. It is intended to be helpful and is not to be considered a contract.

EASTERN COLOR & CHEMICAL CO.

MANUFACTURING CHEMISTS

Providence, Rhode Island

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EASTERN

EASTERN COLOR & CHEMICAL CO.

ECCO MP-2004

EPA REG # 6009-8 (FUNGICIDE) EPA EST # 6009-RI

ACTIVE INGREDIENT:

2,2'-METHYLENEBIS (4-CHLOROPHENOL) 20.0%

INERT INGREDIENT: 80.0%

Total 100.00%

WARNING: KEEP OUT OF REACH OF CHILDREN!

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"THIS FUNGICIDE IS FOR USE IN TEXTILE MANUFACTURING"

See Technical Bulletin for chemical and physical properties and application information.

DO NOT REUSE EMPTY DRUMS — DESTROY WHEN EMPTY

420 lbs. NET WT.

FOR MANUFACTURING USE ONLY

ACCEPTED

PROPERTY:

CLASSIFICATION: A mildew and mold inhibitor for use on 2,2'-methylenebis(4-chlorophenol).

PROPERTIES:

- Appearance - white crystalline powder
- pH - 5.0 to 6.0 (1% solution)
- Active Content - 20.0% (2,2'-methylenebis(4-chlorophenol))
- Solubility - slightly soluble in water, insoluble in alcohol
- Stability - stable to heat, light, and moisture
- Density - 1.50 g/cm³

GENERAL COMMENTS:

ECCO MP-2004 is a newly developed mildew proof treatment designed to be compatible with a variety of acetate, rayon and for a single bath or sequential treatments.

The 2,2'-methylenebis(4-chlorophenol) active material is a well established and safe material for the type of application and for the use of many U.S. Government and foreign government military and for trench military textiles.

The compatibility of ECCO MP-2004 with a variety of water repellents, even those known as "dry finish" repellents, is one of the outstanding features of this product. Textiles treated with a combination of water repellent and ECCO MP-2004 show excellent resistance to mildew growth. The active material, because of the water insoluble nature and the protection rendered by the water repellent, with the recommended amount of active material deposited, treated fabric will resist mildew growth.

- For Mildew Test - 0.2% to 0.5% active
- For Mildew Test - 0.5% to 1.5% active

APPLICATIONS:

Assuming a 70% wet pick-up, the recommended application rate of the active material is: