

# DuPont™ Teflon® Advanced Protector For Carpet and Upholstery

## Technical Information

### Description

DuPont™ Teflon® Advanced Protector for carpet and upholstery is a water-based 6-2 Telomer-based fluorochemical product specially developed to protect carpets and upholstery from acid-based stains as well as wet and dry soil. A treatment with DuPont™ Teflon® Advanced Protector applied after carpet cleaning forms an invisible shield around each fiber, which resists soil and stains. Carpets treated with DuPont™ Teflon® Advanced Protector will stay cleaner longer.

### Advantages

- Resists mud, dirt, and soils
- Durable protection
- Manufactured using DuPont patented LX platform products technology which minimizes residual raw materials and impurities
- Non-detect† for PFOA
- Repels water-based and oil-based spills
- EPA TSCA listed
- DuPont™ Teflon® Advanced Protector has been extensively tested by DuPont, and is safe for its intended use
- Designed for excellent product stability
- Freeze / thaw stable

### Application for Carpets

DuPont™ Teflon® Advanced Protector is applied after a carpet has been properly cleaned. It is applied with spray application, dries quickly, and leaves no odor.

1. Use any good quality, electric or hand-operated, clean low-pressure sprayer. Stainless steel or plastic tanks are recommended to prevent rusting or staining. Use a #8004 Tee Jet nozzle. Spray pressure should not exceed 60 psi. Do not aerosolize or atomize this product.

2. Hold the spray nozzle 12-18 inches from the carpet, and apply half of the prepared mix over the entire carpet area, spraying in one direction only. Then apply the other half over the entire carpet area, spraying in the opposite direction.
  - Be certain to maintain enough spray pressure to ensure a uniform spray pattern.
  - If the pump tank is fitted with a pressure gauge, recommended pressure range is 35-45 psi.  
**Note:** It is extremely important to obtain uniform coverage. Uneven application may result in uneven soiling.
3. To obtain the best performance from DuPont™ Teflon® Advanced Protector, work the product into the carpet immediately after spraying.
  - Use a pile brush on pile-type construction.
  - Use a shag rake for open shag construction.
4. Allow the carpet to dry. The soil and stain protection of DuPont™ Teflon® Advanced Protector is fully effective as soon as the carpet is dry.
5. Use a damp cloth or sponge to wipe away any spray from furniture or woodwork. Dried solid DuPont™ Teflon® Advanced Protector usually can be removed by using a mild detergent solution.

### Mixing Procedures

#### ***For Damp, Clean Carpet (Preferred Procedure)***

Mix 1 part DuPont™ Teflon® Advanced Protector with 4 parts water.

Apply to carpet at the rate of 1.0 gallon of diluted spray mix for every 200 sq ft of carpet.

#### ***For Dry Carpet***

Mix 1 part DuPont™ Teflon® Advanced Protector with 8 parts water.

Apply to carpet at the rate of 1.0 gallon of the diluted spray mix for every 100 sq ft of carpet (10 x 10 ft area).



*The miracles of science™*

## Application for Upholstery

DuPont™ Teflon® Advanced Protector is suitable for water-safe upholstery materials. DuPont recommends testing a hidden area of the upholstery. If there is any indication of color-bleed, do not treat the upholstery.

DuPont™ Teflon® Advanced Protector must be applied to clean fabrics only and must be the last treatment applied to the fabric. It may be applied to the damp or dry fabric after cleaning.

For low-pressure spray application:

1. Dilute product by mixing 1 part DuPont™ Teflon® Advanced Protector with 3 parts water.
2. Apply with a size 65015 tip (brass or stainless steel tips are recommend) such as Spraying Systems or similar nozzle. Do not exceed pressures of 60 psi or use tips with orifice diameter smaller than 0.031 inches. Do not atomize or aerosolize.
3. The upholstery should be sprayed in a well-ventilated area by holding the spray gun approximately 10-20 inches from the upholstery. Use a smooth swinging back and forth motion. Overlap the previous pass slightly to ensure even application.

## Physical Properties\*

### Composition:

Fluorochemical dispersion in water

### Physical Form:

Off-white liquid homogeneous dispersion

### Ionic Character:

Cationic

Density at 25°C (77°F)..... 1.02 g/mL

..... 8.5 lb/gal

Flash Point, Pensky-Martens

Closed Cup ..... Does not ignite

pH..... 6–8

Dispersibility in Water ..... Miscible in all

..... proportions at room

..... temperature.

## Stability to:

Storage ..... Stable for at least

..... 1 year under

..... normal conditions

Heat ..... Stable to 50°C (122°F)

Freezing ..... Freeze/thaw stable

\*This table gives typical properties (not specifications) based on historical production performance. DuPont does not make any express or implied warranty that this product will continue to have these typical properties.

## Personal Safety, First Aid, and Storage and Handling

Use the most current Material Safety Data Sheet (MSDS) for specific information. Review this information with all personnel using DuPont™ Teflon® Advanced Protector.

## Samples, Technical Assistance, Ordering

To order DuPont™ Teflon® Advanced Protector for carpet and upholstery, additional literature, or a product sample, call Customer Service toll-free at 1-800-666-9206.

For locations outside the United States, contact the local DuPont representative in your country.

† Below the limit of detection based on the published analytical method found in The Journal of Chromatography A, 1110 (2006) 117-124.

Copyright © 2009 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™, and Teflon® are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates. Printed in the U.S.A. (2/09)



The miracles of science™

The information set forth herein is furnished free of charge and based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skill, at their own risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.