

# DuPont™ Zonyl® 9529

## CARPET AND UPHOLSTERY PROTECTION

### TECHNICAL INFORMATION

#### Description

DuPont™ Zonyl® 9529 is a fluorocarbon water-based product specially developed to protect carpets and upholstery from wet and dry soil. By applying Zonyl® 9529 after cleaning, an invisible shield is formed around each fiber that resists soil and stains, keeping the carpet and upholstery looking cleaner longer. Zonyl® 9529 also will provide water repellency to most carpets. The repellency provided by Zonyl® 9529 will enable most liquid spills to be removed before staining and wicking occurs.

#### Application for Carpets

DuPont™ Zonyl® 9529 carpet protector is applied by spray application after a carpet has been professionally cleaned. It dries quickly and leaves no odor.

1. Sprayer Information: Use any good quality, clean pressure sprayer, either electric or hand-operated. 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).
2. Hold the spray nozzle 12–18 in from the carpet, and apply half the prepared spray 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, do not allow the pressure to drop below 38 psi.  
**Note:** It is extremely important to obtain uniform coverage. Uneven application may result in uneven soiling.
3. To obtain the best performance from Zonyl® 9529, work the product into the carpet immediately after spraying by using either a pile brush on pile-type construction or a shag rake for open shag construction.

4. Allow the carpet to dry. The soil and stain protection of Zonyl® 9529 will be fully effective as soon as the carpet is dry.
5. Use a damp cloth or sponge to wipe spray from furniture or woodwork. Dried solid Zonyl® 9529 usually can be removed by using a mild detergent solution.

#### Mixing Procedures

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

Mix 1 part Zonyl® 9529 with 4 parts water. Apply to carpet at the rate of 0.5 gallons of the diluted spray mix for every 100 ft<sup>2</sup> (10 x 10 ft area) of carpet.

##### *For Dry Carpet*

Mix 1 part Zonyl® 9529 with 8 parts of water. Apply to carpet at the rate of 1.0 gallons of the diluted spray mix for every 100 ft<sup>2</sup> (10 x 10 ft area) of carpet.

#### Application for Upholstery

DuPont™ Zonyl® 9529 is suitable for water-safe upholstery materials. Prior to treatment, DuPont recommends testing a hidden area of the upholstery. If there is any indication of color-bleed, do not treat the upholstery. Zonyl® 9529 must be applied to clean fabrics only and must be the last treatment applied to the fabric. It may be applied to the fabric dry or damp after cleaning.

For low-pressure spray application:

1. Dilute product by mixing 1 part Zonyl® 9529 with 3 parts water.
2. Apply with a size 65015 tip (brass or stainless steel spray tips are recommended) such as a Spraying Systems or similar nozzle. Do not exceed pressures of 60 psi or use tips with orifice diameter smaller than 0.031 in. 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.



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## Physical Properties\*

Composition	fluorochemical dispersion in water
Appearance	opaque, off-white homogeneous dispersion
Ionic Type	cationic
Odor	mildly acrylic
Density at 25°C (77°F), g/mL (lb/gal)	1.02 (8.5)
Flash Point, Pensky-Martens Closed Cup	Does not ignite
pH	7.5–9.0
Dispersibility in Water	Miscible in all proportions at room temperature
Stability to	
Acid	Stable
Bases	Stable
Storage	Stable for at least 2 yr under normal conditions
Heat	Stable to 50°C (122°F)
Freezing	Stable; thaw and mix gently

\* 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

See the Material Safety Data Sheet (MSDS) for product-specific information.

## Technical Assistance

For help in selecting or evaluating these products for your application, please call Technical Service at (800) 666-9206.

## Ordering Information—Product, Literature, or Samples

To order DuPont™ Zonyl® 9529, additional literature, or a product sample, call Customer Service toll-free at (800) 666-9206 or visit [www.dupont.com/teflon/carpetprotector](http://www.dupont.com/teflon/carpetprotector). For locations outside the United States, contact the local DuPont representative in your country.

## DuPont Chemical Solutions Enterprise

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K-xxxxx (10/06) Printed in the U.S.A.

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