

# DuPont™ Zonyl® 9933 Carpet Protector

## TECHNICAL INFORMATION

### Description

Zonyl® 9933 is a fluorochemical specially developed to protect carpets from wet and dry soil. A water-based protective treatment with Zonyl® 9933 after carpet cleaning forms an invisible shield around each fiber, which resists soil and stains, and keeps cleaned carpets looking cleaner longer.

### Application

Zonyl® 9933 carpet protector is applied after a carpet has been properly cleaned. It is applied with spray application, dried quickly, and leaves no odor.

1. 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 this product.
2. Hold the spray nozzle 12–18 in from the carpet, and apply half 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, 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® 9933, 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 Zonyl® 9933 will be fully effective as soon as the carpet is dry.
5. Use a damp cloth or sponge to wipe away spray from furniture or woodwork. Dried solid Zonyl® 9933 usually can be removed by using a mild detergent solution.

### Mixing Procedures

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

Mix 1 part Zonyl® 9933 with 15 parts water.

Apply to carpet at the rate of 0.5 gallon of diluted spray mix for every 100 sq ft of carpet (10 x 10 ft area).

#### *For Dry Carpet*

Mix 1 part Zonyl® 9933 with 31 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).



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## Physical Properties\*

Composition	fluorochemical dispersion in water
Physical Form	off-white liquid homogeneous dispersion
Ionic Character	anionic
Density at 25°C (77°F)	1.07 g/mL 8.9 lb/gal
Flash Point, Pensky-Martens Closed Cup	Does not ignite
pH	4–8
Dispersibility in Water	Miscible in all proportions at room temperature
Stability to	
Acid	Unstable
Bases	Stable
Storage	Stable for at least 6 months under normal conditions
Heat	Stable to 50°C (122°F)
Freezing	Perishable if frozen

\* 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 Zonyl® 9933.

## Samples, Technical Assistance, Ordering

To order DuPont Zonyl® 9933, additional literature, or a product sample, call Customer Service toll-free at (800-666-9206) For locations outside the United States, contact the local DuPont representative in your country.

### DuPont Chemical Solutions Enterprise

Customer Service Center, Barley Mill Plaza, Bldg. 23  
Wilmington, DE 19898

[www.dupont.com/teflon/carpetprotector](http://www.dupont.com/teflon/carpetprotector)

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