

# Professional Sprayer Application Guide

## For Guardian Water-based Fabric Protector



**GUARDIAN**  
PROTECTION PRODUCTS, INC.

### Introduction

Application personnel should be familiar with all product and safety information. This product is intended for professional warehouse spray application only and is not intended for spray application in a residential setting. This guide's purpose is to show you how to safely and properly handle and apply Guardian Fabric Protector. Safety is the most important aspect to be considered when using any product or chemical.

The guide goes into thorough detail on safe application procedures. Following these procedures will ensure you, your employees, and customers that appropriate steps have been taken to avoid hazards or potential health risks. The proper application of Guardian Fabric Protector will ensure excellent performance, customer satisfaction, and employee / customer safety.

The Guardian Fabric Protector material safety data sheet (MSDS) should be thoroughly reviewed prior to handling or using this product.

### General Information

Guardian Fabric Protector is the finest fabric protector available. When applied to fabric upholstery and home furnishings, using these guidelines, it will provide resistance to most stains and soils.

Guardian Fabric Protector is a water based fluorochemical fabric protector. It is a clear liquid and is formulated for spray application. Once applied to fabric, the water evaporates, leaving the fluorochemical behind to protect the fabric. The fluorochemical cures within 24-48 hours.

### Safety Precautions

The following information contains specific requirements on handling Guardian Fabric Protector safely and proper first aid in the event of over-exposure.

#### **Personal Protective Equipment**

- Eye/Face Protection: Use splash-resistant chemical safety goggles.
- Hand/Skin Protection: Chemical resistant gloves are recommended.
- Respirators: Where there is inadequate ventilation, such as in a small confined room, wear NIOSH/MSHA-approved respiratory protection.

#### **First Aid for Overexposure**

**Skin Contact:** Flush skin with water after contact. Remove contaminated clothing and wash before reuse. If irritation occurs, seek medical attention.

**Eye Contact:** In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, call a physician.

**Ingestion:** If swallowed, do not induce vomiting. Get medical attention.

**Inhalation:** If inhaled, remove to fresh air immediately. Contact a physician if there is any difficulty in breathing or other signs of distress.

Refer to the MSDS for additional information.

### Applying Fabric Protection

Guardian Fabric Protector should be applied to new, clean fabrics only. Guardian Fabric Protector is not designed for use on wall-to-wall carpets.

#### **Pre-Test In A Hidden Area**

Before applying, test a hidden area of the material with Guardian Fabric Protector prior to applying it to the entire area. Determine if the dyes will run or bleed. **NOTE:** If there is any indication of color-bleed, DO NOT treat the item and contact the sales office immediately because non-colorfast materials are not covered by the warranty sold with this treatment.

#### **Applicator Selection**

##### **The spray applicator must:**

- Be resistant to corrosion.
- Be fitted with a stainless steel spray tip: size 6501, such as Spray Systems, Inc., Unijet or equivalent.
- Check your sprayer's instructional manual for proper product use and specifications regarding pressure.

##### **The following conditions must prevail:**

- Tips smaller than size 6501 may not be used.
- Power sprays, such as the Wagner Power sprayer, should not be used.
- Guardian Fabric Protector must never be atomized.
- The fabric can be sprayed either:
  - Indoors in a well-ventilated area; provide cross ventilation through an open door or window. Exhaust fans can also be used to cross ventilate and speed drying.
  - OR Outdoors to ventilate and speed drying.

#### **How To Apply Fabric Protection**

- Hold spray gun approximately 8 to 10 inches from fabric. Use a smooth-swinging, back and forth motion. Overlap the previous pass slightly to ensure even application. For lighter weight fabrics move the sprayer slightly faster than you would when applying product to a heavy weight fabric. Make sure to cover the entire piece of furniture and to include all sides of pillows, arm chair covers, and accents.
- Avoid overspraying. A light misting of product is all that is required.
- Use Guardian Fabric Protector only with adequate ventilation. Vent fumes outside the work area. Do not aerosolize or atomize. Minimize worker exposure to mist and overspray by using adequate ventilation (cross ventilation, exhaust ducts, and/or spray booths) to eliminate vapors.
- Guardian Fabric Protector should never be sprayed in a small enclosed area. Good ventilation should always be used. Do not spray near a flame or other sources of ignition. Do not smoke while using this product.
- Guardian Fabric Protector should never be sprayed directly at or in the direction of other persons.
- Spraying should always be done in the direction of air movement. Do not spray against the air flow.

## Application Levels

The suggested application rate is 1.5 to 2.0 oz. of Guardian Fabric Protector per square yard of medium to heavyweight fabrics. Some lightweight fabrics may require less than 2 oz. per square yard to avoid over wetting. A five gallon pail of Guardian Fabric Protector should treat approximately 40 standard size sofas. If you are treating more than 40 units per five gallon pail, the application rate is too low. Check to ensure that the sprayer and spray tips are in good working order. Also, you may be spraying too fast.

Recommended Application Rate	
Quantity of fabric protector required	Item
16 oz.	Sofa or sleeper
28 oz.	Sofa and loveseat
24 oz.	Two piece sectional
12 oz.	Loveseat
6 oz.	Modular piece
8 oz.	Occasional chair
2 oz.	Dining room chair

## Drying Times

Drying times will vary according to humidity and temperature. The furniture must remain free of all packaging materials while it is drying. In moderate temperature (70°F), the product will be dry to the touch in about 1 hour. At low temperatures, below 60°F, the product may require 2 hours or more to dry. The lower the temperature, the longer the dry time. Fans, enhanced air circulation, and standing cushions up on ends will help will speed drying times. For maximum protection, allow 24 hours before use.

It is essential to create a safe and hazardous free environment for the customers. **No furniture should ever be delivered at the customer's house while it is still in the process of drying.**

**Treated furniture must be COMPLETELY DRY before wrapping or sealing in plastic prior to delivery.**

**If chemical odor is evident upon delivery to customers home, the customer should be instructed to do the following:**

- Do not sit or lie down on treated item until it is completely dry and odor is no longer present.
- Ventilate room by opening windows or doors.
- Stand cushions on end to allow air flow to all surfaces.
- Drying time may be accelerated by use of fans.

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## Cleanup

- Relieve sprayer pressure per manufacturer's instructions.
- Drain all fabric protector from the sprayer into supplied drum or other container. Do not store Guardian Fabric Protector in sprayer. Material stored in a sprayer may dry, accumulate, and plug the spray equipment.
- The sprayer should be flushed with water and isopropyl alcohol or the fabric protector itself after application of Guardian Fabric Protector.
- Do not use the sprayer for any other materials.
- Wash hands thoroughly when finished.
- Keep container tightly closed when not in use.

## Storage and Handling

Refer to the product MSDS for detailed information on storage, handling, spill control, and waste disposal of the product you are using.

Guardian Fabric Protector can be stored up to 12 months for future use. All unused material should be stored indoors in its original container with a tightly closed lid. Do not store above 125°F or below 32°F.

## Troubleshooting Guide

### Fabric is too wet

- The fabric is over sprayed. Increase spraying speed with less overlapping. An average couch should take 3 - 4 minutes to spray properly.
- The wrong spray tip is being used. Check to make sure spray tip is size 6501.

### Dye Bleed

Some fabrics contain sensitive non colorfast dyes that will bleed or run with any fabric protector application. Avoid this problem by pretesting a hidden area prior to treating the entire unit. Apply Guardian Fabric Protector at the back of the unit, or on the back side of the skirt. Check to ensure that the dyes do not bleed or transfer to other areas of the fabric. **If the dyes bleed or transfer, do not treat the furniture and contact the sales office immediately** because non-colorfast materials are not covered by the warranty sold with this treatment.

### Dye Transfer from Decking

Decking material often contains inexpensive non colorfast dyes. To prevent dye transfer to cushions, make sure the cushions and decking are dry before rewrapping and shipping.

### Technical Assistance

Please call Guardian (800) 527-8487 Monday-Friday, between 8 am - 5 pm Eastern time.

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