Wilsonart WA700 Aerosol 14.2 oz

User Manual

Wilsonart 700A Premium Aerosol Contact Adhesive

1. Product Overview

The Wilsonart 700A Premium Aerosol Contact Adhesive is a high-strength, multi-purpose spray adhesive designed for a wide range of bonding applications. Its portable and convenient aerosol format allows for fast and strong adhesion. This formulation is particularly effective for bonding high-pressure decorative laminate (HPL), leather, foam, paper, metals, and wood veneer to various substrates such as wood, plywood, particle board, or cardboard. The adhesive is engineered to remain tacky to the touch when dry, ensuring a strong initial grab upon contact. It features an adjustable nozzle with multiple flow settings, enabling precise application for different project requirements.

2. Safety Information and Warnings

WARNING: This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
Always read and understand the Safety Data Sheet (SDS) before using this product. Adhere to all local, state, and federal regulations regarding the use and disposal of adhesives.

- **Ventilation:** Use in a well-ventilated area. If adequate ventilation is not available, use appropriate respiratory protection.
- **Personal Protective Equipment (PPE):** Wear appropriate eye protection (safety glasses or goggles) and protective gloves (e.g., nitrile or butyl rubber) to prevent skin contact.
- **Flammability:** This product is extremely flammable. Keep away from heat, sparks, open flames, and hot surfaces. Do not smoke during application.
- **Storage:** Store in a cool, dry place away from direct sunlight and ignition sources. Keep container tightly closed when not in use.
- **First Aid:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes. In case of skin contact, wash thoroughly with soap and water. If inhaled, move to fresh air. If swallowed, do NOT induce vomiting. Seek immediate medical attention for any severe exposure.
- **Disposal:** Dispose of contents and container in accordance with local, regional, national, and international

regulations.

3. Product Features

- Convenient, fast-drying, multi-purpose contact adhesive.
- Tacky to the touch for a quick bond.
- Ideal for bonding fabrics, foam, laminate, wood, metals, papers, and plastics.
- Adjustable nozzle and multiple flow settings for precision application.
- Suitable for both consumers and professionals.

4. Setup and Preparation

1. **Surface Preparation:** Ensure all surfaces to be bonded are clean, dry, and free from dust, grease, oil, and other contaminants. Roughen smooth surfaces slightly for better adhesion.
2. **Environmental Conditions:** For optimal results, apply adhesive in a room temperature environment (typically 65°F - 85°F / 18°C - 30°C) with moderate humidity. Avoid extreme temperatures or high humidity, which can affect drying and bonding performance.
3. **Ventilation:** Ensure the work area is well-ventilated to disperse fumes. Open windows and doors, or use exhaust fans.
4. **Shake Can:** Shake the aerosol can vigorously for at least 60 seconds before use and occasionally during use to ensure proper mixing of contents.
5. **Test Spray:** Before applying to your project, test the spray pattern and flow setting on a scrap piece of material to familiarize yourself with the nozzle's performance.



Image: A person carefully applying Wilsonart 700A Premium Aerosol Contact Adhesive to a large white countertop surface, demonstrating the application process.

5. Operating and Application Instructions

1. **Adjust Nozzle:** The can features an adjustable nozzle. Rotate the nozzle to select the desired spray pattern (e.g., narrow, medium, wide) and flow setting for your specific application.
2. **Apply Adhesive:** Hold the can upright, approximately 6-10 inches (15-25 cm) from the surface. Apply a uniform, even coat of adhesive to **both** surfaces to be bonded. Ensure complete coverage, especially near edges. Avoid oversaturation.
3. **Drying Time (Open Time):** Allow the adhesive to dry until it is tacky to the touch, typically 2-5 minutes depending on temperature, humidity, and film thickness. The adhesive should not transfer to your knuckle when touched.
4. **Bonding:** Once both surfaces are tacky, carefully align them and press firmly together. Contact adhesives bond immediately upon contact, so accurate alignment is crucial.
5. **Pressure Application:** Apply firm, uniform pressure over the entire bonded area using a roller or J-roller. Work from the center outwards to eliminate air bubbles and ensure maximum contact.
6. **Curing:** The bond will achieve handling strength quickly, but full cure typically occurs within 24 hours. Avoid stressing the bond during the initial curing period.

Image: A can of Wilsonart 700A Premium Aerosol Contact Adhesive positioned on a workbench next to a J-roller, a common tool used for applying pressure to bonded surfaces.

6. Maintenance and Storage

- **Nozzle Cleaning:** After each use, invert the can and spray for a few seconds until only clear propellant comes out. This prevents the nozzle from clogging. If the nozzle becomes clogged, remove it and clean with mineral spirits or a suitable solvent. Replace the nozzle before next use.
- **Storage:** Store the aerosol can in a cool, dry, well-ventilated area, away from direct sunlight, heat sources, and open flames. Do not expose to temperatures exceeding 120°F (49°C). Keep out of reach of children and pets.
- **Shelf Life:** For best performance, use the product within its recommended shelf life, typically indicated on the can.

7. Troubleshooting

Problem	Possible Cause	Solution
Poor or Weak Bond	• Insufficient adhesive applied. • Surfaces not clean or dry. • Adhesive not allowed to dry to proper tack. • Insufficient pressure applied during bonding. • Extreme temperatures or humidity during application.	• Apply a uniform, even coat to both surfaces. • Ensure surfaces are thoroughly cleaned and dried. • Allow adhesive to dry until tacky to the touch (no transfer). • Apply firm, uniform pressure with a roller. • Work in recommended temperature and humidity conditions.
Clogged Nozzle	• Adhesive dried in nozzle after use.	• Invert can and spray until clear propellant appears after each use. • Remove and clean nozzle with mineral spirits or suitable solvent.
Uneven Spray Pattern	• Can not shaken sufficiently. • Nozzle partially clogged.	• Shake can vigorously for 60 seconds before and during use. • Clean or replace nozzle.

8. Specifications

Image: The main product image of the Wilsonart 700A Premium Aerosol Contact Adhesive can, showing its branding and key features.

Attribute	Detail
Brand	Wilsonart
Model Number	WA700 Aerosol 14.2 oz
Product Dimensions	2.63 x 2.63 x 9.5 inches; 14.2 ounces

Attribute	Detail
Item Form	Spray
Material Composition	Rubbers, resins, and solvent
Compatible Materials	Wood, Cardboard, Leather, Paper, Plastic, Fabrics, Foam, Metals, High Pressure Laminate (HPL)
Specific Uses	Bonding wood, plastic, fabric, laminate, metals, paper, foam, leather, cardboard.
Manufacturer	Wilsonart
ASIN	B00FQ5BC5G

9. Warranty and Support

For information regarding product warranty, technical support, or any inquiries not covered in this manual, please contact Wilsonart directly through their official website or customer service channels. Please have your product model number (WA700 Aerosol 14.2 oz) and purchase details available when contacting support.
You can find more information and contact details on the official Wilsonart website:www.wilsonart.com

© 2024 Wilsonart. All rights reserved.