

# Wilsonart® WA 700 / 701

## Extremely Flammable Spray Grade Canisterized Contact Adhesive

### Applications

- **FOR PROFESSIONAL USE ONLY**
- Non-chlorinated
- Self-edge applications (non-postforming)
- Self-contained spray application

### Applications to Avoid

- Application to copper or copper alloys, and use of copper-containing application systems or components.
- Surfaces with dirt, grease, or excessive moisture
- Vinyl surfaces containing plasticizers that may attack the bond (conduct pre-testing if in doubt)
- Post-forming requirements

### General Description

- A blend of synthetic rubbers in non-chlorinated organic solvents that delivers rapid, high-strength bonds

### Availability

- 9 lbs canister (non-returnable), red or natural
- 30 lbs canister (non-returnable), red or natural
- 140 lbs canister (returnable), red or natural
- 300 lbs canister (returnable), red or natural

### Physical Properties

- Color: Red (700); Natural (701)
- Density: 5.9 pounds/gallon
- VOC Content: 490 g/L (Meth. 24)
- VHAP Content: 0.21 lbs/lbs solids
- Flashpoint: -94°C / -138°F (from formula)
- Coverage: 20 – 25 ft<sup>2</sup> / lb at 2.5 dry grams / ft<sup>2</sup>
- Open Time: ~ 30 minutes

### Storage/Shelf Life

- **Keep container valve open when not in use. Keep spray gun thumbwheel closed when not in use.**
- Rotate stock.
- Shelf life expires 12 months from manufacture.
- Store in a well ventilated area and away from ignition sources.
- Canister may not spray when cold and must be warmed to room temperature.

### Equipment Specifications

- Standard spray gun: AA23L-45885-SS
- Hoses available: 6' and 12'
- Available gun tips: 6501 (65° fan)  
9501 (95° fan)

### Safety

**DANGER!** Extremely flammable liquid and vapor. Vapors may cause flash fire. Vapors may travel to areas away from work site before igniting/flashing back to vapor source. Keep away from sparks, flame, open light, or any source of ignition. Keep away from oxidizers. Harmful or fatal if swallowed. Vapor harmful! May cause eye, skin, and respiratory tract irritation.

- **KEEP OUT OF REACH OF CHILDREN!**
- Apply and dry only with approved ventilation and adequate exhaust. Consult local authorities.
- Prevent buildup of vapors. Open all windows and doors. Do not smoke. Extinguish all flames and pilot lights. Turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone.
- Avoid repeated breathing of vapors and mists. Avoid contact with eyes and skin. Do not take internally. Keep container closed when not in use.
- In case of fire, use dry chemical, water fog, CO<sub>2</sub>, or "alcohol foam". Water alone may be ineffective. Irritating to eyes, skin, and respiratory tract.
- See MSDS for more information
- **HMS Rating: Health 2; Flammability 4 Reactivity 1**
- 24 hr. Chemtrec emergency number: 1-800-424-9300 (US); 703-527-3887 (International)

### General Use Instructions

- *Do not use this product if you have not read or do not understand the warnings, safety measures and first aid instructions printed on container.*
- Assemble all parts at or above 65°F. Allow all substrates to acclimate to room temperature for 48 hours before bonding. Ensure all surfaces are clean and dry.
- Apply the adhesive uniformly and evenly and cover 80% - 100% of each surface and edges 100%.
- Allow approximately 3 – 5 minutes to dry after application and before bonding. When ready to bond, each surface will be tacky but adhesive should not transfer or "leg" to a firmly pressed fingertip. If parts do not stick immediately, they have exceeded the open time. Over-dry parts can be reactivated by applying a light coat of fresh adhesive on both parts.

- Apply uniform downward pressure (30 – 40 psi minimum) over entire bonded surface. Mechanical pressure (pinch rolling) is recommended, but a correctly used 3” wide rubber J-roller is acceptable (use of a wooden block or other hand rollers is not recommended).
- Immediate trimming and finishing is possible.

#### Equipment Considerations

- Before assembly, rotate gun thumbwheel closed so that trigger cannot be pulled.
- Securely attach gun to hose, then hose to canister.
- Fully open canister valve. **Do not close until canister is empty.**
- Spray with gun tip 6 – 10 inches from and parallel (90°) to the surface. Apply even coats of adhesive without puddles or starved areas.
- When application completed, leave gun and hose attached to canister, but rotate gun thumbwheel closed to prevent accidental gun discharge or adhesive drying in hose.
- When changing canisters, quickly disconnect and reconnect the gun/hose assembly to prevent adhesive from drying and clogging system.

#### Cleanup/Disposal

- Clean gun tip by dabbing with masking tape.
- Clean equipment with WA 110 solvent. Use WA 121 to clean overspray.
- Empty container may contain hazardous residue or flammable vapors which may explode upon ignition. **ALL** pressure must be removed from canister prior to disposal.
- Do not allow in any sewers, on the ground, or into any body of water.
- Contact local authorities for further guidance.

#### Extremely flammable liquefied gas under pressure

Do not cut, puncture, drill, grind, or weld on or near this container.

#### Shipping Information

- Ship Domestic Ground (never via air)
- Liquefied gas, flammable, n.o.s. (contains dimethyl ether, hexane), 2.1, UN 3161

#### Primary Contents

- Acetone (CAS 67641); Toluene (CAS 108883); Propane (CAS 74986); Isobutane (CAS 75285); Dimethyl ether (CAS 115106); n-Hexane (CAS 110543)

#### Warranty

Wilsonart International, Inc., warrants to the user that this product is free of defects for a period of one (1) year from the date of manufacture when it is applied in accordance with manufacturer instructions or the manufacturer will replace the container at no cost or additional charge to the user, provided the unused portion of the product is returned to the place of purchase within 15 days of the date of purchase. This warranty does not apply to (I) products that are

purchased after the expiration of the manufacturer's recommended shelf life as stated on this technical data sheet, (II) misuse or mishandling of the product, (III) improper storage, or (IV) improper fabrication using this product. **NO OTHER WARRANTIES, EXPRESSED OR IMPLIED ARE MADE, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL THE MANUFACTURER BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF WILSONART INTERNATIONAL, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATION OF THIS WARRANTY.** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, therefore, some of the limitations stated above may not apply to you. It is to your benefit to save your documentation upon purchase of product.

#### For More Information

- [www.wilsonartadhesives.com](http://www.wilsonartadhesives.com) for:  
Tech Data Sheets  
Material Safety Data Sheets (MSDS)  
Adhesive Use Quick Reference Charts  
Certified Product Data Sheets (CPDS)
- Customer Service Line 1-800-433-3222
- Wilsonart International Adhesives Division  
10601 NW Dodgen Loop  
Temple, TX 76503-6110

#### First Aid

**Inhalation:** At the first sign of overexposure (headache, nausea, dizziness), seek fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately. **Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Get medical attention. **Skin Contact:** Immediately wash contacted areas of skin with soap and water. Remove contaminated clothing immediately; launder prior to reuse. **Swallowing:** If swallowed, call physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. **Post the phone number of a doctor or poison control center at the nearest telephone**

#### California Proposition 65 Warning

This product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.