

# Wilsonart® WA 500

## Extremely Flammable Brush/Roller Grade Contact Adhesive

### Applications

- For professional use only
- Brush or roller applied
- Self-edge applications (non-postforming)
- Meets or exceeds Commercial Item Description A-A-1936A (1996); Type I-a (supersedes Fed. Spec. MMM-A-130b); Woodwork Institute of California Type II Adhesive; Mil. Spec. MIL-A-21366A

### 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)

### General Description

- A fast drying blend of polychloroprene rubbers and phenolic resins in a mixture of flammable solvents

### Availability

- 330 gallon totes (Returnable)
- 55 gallon drums
- 5 gallon pails
- 1 gallon cans

### Physical Properties

- Color: Brown
- Density: 6.7 pounds/gallon
- Viscosity: 600 cps (typical)
- Solids Content: 20.5% ± 1%
- VOC Content: 594 g/L (Meth. 24)
- Max. VOC: 444 g/L (SCAQMD)
- VHAP Content: < 0.9 lbs/lbs solids
- Flashpoint: -11.7°C / 12°F (SETA)
- Odor: Strong solvent
- Coverage: 104 ft<sup>2</sup> / gal (bonded) @ 3.0 dry grams / ft<sup>2</sup> each surface
- Open Time: ~ 60 minutes
- Photochemically Reactive

### Storage/Shelf Life

- Close container tightly when not in use.
- Rotate stock.
- Shelf life expires 12 months from manufacture.
- Store in a cool, well ventilated area.
- Store away from ignition sources.
- Stirring required if product becomes very cold.

### 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.*
- DO NOT THIN THIS PRODUCT!
- 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 with a high quality (oil resistant), short to medium nap roller cover or brush. Apply uniformly and evenly and cover 100% of each surface. Double coat all edges. Very porous substrates (plywood) may require two coats.
- Allow approximately 10 – 15 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.

### Cleanup/Disposal

- Clean equipment with WA 110 Solvent. Remove excess adhesives from finished assembly with WA 121 Cleaner.
- Empty container may contain hazardous residue or flammable vapors which may explode upon ignition.
- Do not allow in any sewers, on the ground, or into any body of water.
  - Contact local authorities for further guidance.

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

### Shipping Information

- Ship Domestic Ground
- Adhesives, 3, UN1133, PGII (Bulk)

### Primary Contents

- Light hydrotreated distillate (CAS 68410979)
- Acetone (CAS 67641)
- Toluene (CAS 108883)

- Polychloroprene (CAS 9010984)
- Resin (CAS 26022004)

### 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.wilsonart.com](http://www.wilsonart.com) (Adhesive Link) 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**

### Safety

**DANGER! Extremely flammable liquid and vapor. Vapors may cause flash fire. Harmful or fatal if swallowed. Vapor harmful! May cause eye, skin, and respiratory tract irritation. KEEP OUT OF REACH OF CHILDREN.**

- Use only in well ventilated area. Vapors may ignite explosively. Do not use or store near heat, sparks, or flame. 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.
- Use extreme caution when opening container in warm or hot environments as heat causes the solvent vapors to expand, generating high pressures.
- Never pressurize container
- 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. See MSDS for complete data.

- Extremely flammable, Class 1B Flammable Liquid
- **HMIS Rating: Health 2; Flammability 3; Reactivity 0**
- See MSDS for more information

**24 hr. Chemtrec emergency number: 1-800-424-9300 (US); 703-527-3887 (International)**

### California Proposition 65 Warning

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

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