

Wilsonart Hard Surface Adhesive Tech Data Sheet

Wilsonart® Hard Surface Adhesive for Wilsonart® Solid Surfacing Products

PURPOSE

Wilsonart® Hard Surface Adhesive is used to bond the seams of Wilsonart® Solid Surfacing products. Wilsonart® Hard Surface Adhesive has an average set time (open time) of 15 minutes.

AVAILABILITY

Wilsonart® Hard Surface Adhesive is available in 250ml cartridges, and may be available from your Wilsonart Distributor in less than case quantities. Always check with your Wilsonart Distributor for availability.

STORAGE

Refrigeration storage is required. DO NOT FREEZE. Store in tightly closed containers in a cool, dry, well ventilated place between 40°F - 60°F (4.4°C - 15.4°C) preferably at 50°F (9.9°C).

SHELF LIFE

The shelf life for a properly stored unused cartridge of Wilsonart® Hard Surface Adhesive is 18 months from date of manufacture.

PRODUCT USE

For additional information, refer to the Wilsonart® Solid Surface Fabrication Manual prior to installation. This product is to be used in accordance with the following directions, and is not to be combined with other products. BE SURE TO READ AND FOLLOW ALL SAFETY AND FIRST AID INFORMATION PRIOR TO USE.

1. Remove the adhesive from storage and allow it to reach room temperature (70°F - 75°F), prior to using.
2. Material should be at room temperature (at least 70°F) prior to seaming.
3. Always clean the material to be seamed with a clean white cloth(*) dampened with denatured alcohol. DO NOT USE lacquer thinner, acetone, or other solvents. (*) NOTE: Colored cloth or paper towels of any type can leave residue which contaminates the seam material.
4. Unscrew the plastic cap and replace with an unused static mixer(**). Do not cut the tip of the static mixer. (**) NOTE: A new static mixer must be used each time the cartridge has been stored for any length of time. See IMPORTANT TIPS FOR DISPENSING GUN OPERATION for more information.

COVERAGE

Typically, you should be able to seam 20 to 25 lineal feet. Your actual transfer efficiency may vary according to bead size.

SAFETY INSTRUCTIONS

WARNING! Flammable liquid and vapors. Keep away from heat, sparks, open flames. Eye and skin irritant. Potential skin sensitizer (may cause redness, itching, burning, rash). Vapor harmful. Respiratory irritant. May cause headache, nausea, dizziness, fatigue, and drowsiness. Chronic overexposure may cause liver and kidney effects.

SAFETY INSTRUCTIONS – cont.

Avoid breathing vapor. Use with adequate ventilation or use proper respiratory equipment. Wash thoroughly after handling. Do not take internally.

FIRST AID

Eyes - Flush with water for 15 minutes. Get immediate medical attention.

Skin - Remove contaminated clothing and excess contaminant. Wash skin with soap and water.

Inhalation - Remove to fresh air.

Ingestion - Get immediate medical attention.

KEEP OUT OF REACH OF CHILDREN

DISPOSAL: Dispose of in accordance with federal, state and local regulations.

See Material Safety Data Sheet for additional information.

CONTENTS

Adhesive: Methyl Methacrylate (CAS No. 80626), Polymethyl Methacrylate (CAS No.9011-87-4)

TSRN 8009415016P, TSRN 800941-5020P.

Activator: Benzoyl Peroxide (CAS No. 94-36-0), Texonall Benzyl Phthalate (CAS No. 16883-83-3), Diisobutyl Phthalate (CAS No 84-69-5). TSRN 800941-5006P.

HMIS Ratings: H2*, F3, PH2

VOC Content: 5.3 g/L

CARTRIDGE

Each cartridge contains two tubes. The large tube has 227.3 ml (Adhesive). The small tube has 22.7 ml. The total cartridge contains 250 ml.

Manufactured by: ITW TAAC, 56 Air Station Industrial Park, Rockland, MA 02370. Distributed by: Wilsonart LLC, 2400 Wilson Place, Temple, TX 76503-6110.

EMERGENCY PHONE: CHEMTREC

(24 Hours): 800-424-9300, INTERNATIONAL 703-527-3887. GENERAL INFORMATION: 800-433-3222.

IMPORTANT TIPS FOR DISPENSING GUN OPERATION

Optimum performance of the MIXPAC System can be achieved by following these dispensing techniques:

1. Squeeze the trigger in long strokes; do not "pump". Let the trigger travel the full range of motion before releasing and starting the next stroke.
2. When using a new cartridge, place the cartridge in the gun and pull the trigger back 1 or 2 strokes to insure both A and B parts are flowing. If both parts are flowing place the static mixer on the cartridge.
3. Dispense a bead of adhesive approximately 1 to 2 inches and discard before applying to solid surface material.

The dispensing gun, cartridge, and static mixer were designed to work as a high performance, integrated system. If any part of the system is not performing properly, it will affect the quality of your mixture.

If teeth become worn or broken on the plunger rod, please contact your supplier regarding repair.

STATIC MIXER

It is very important to use the recommended static mixer and attach it firmly to the cartridge. Be sure that the static mixer is free of cured material. If material is semi-cured on the outer wall of the static mixer, it will adversely affect the mixture. Do not cut off any part of the static mixer tip, this may result in an inconsistent mixture.

CARTRIDGE

If cartridge has been partially dispensed and then stored, make sure the material flows freely from both sides of the cartridge (the dispensing holes must be clear) prior to use. Wipe clean with a rag, and then put on a new static mixer.

DISPENSING GUN

Keep the gun as clean as possible. The cartridge must sit level in the cartridge tray. The dispensing gun has been designed to minimize any excessive dripping. As a result of this design, pumping the lever can result in an off ratio mixture.

LIMITED WARRANTY: Wilsonart LLC, the distributor of the product in this container, warrants to the user that this product is free of defects, and when it is applied in accordance with the distributor's instructions, it will perform to the user's satisfaction, or the distributor 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 distributor's recommended shelf life as stated on this sheet, (II) misuse or mishandling of the product, (III) improper storage or (IV) improper fabrication using this product. **NO OTHER WARRANTIES, EXPRESS OR IMPLIED ARE MADE, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL THE DISTRIBUTOR 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 LLC 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 a product.

Professional or Industrial Use Only!

USE WITH ADEQUATE VENTILATION

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