



TECHNICAL DATA SHEET



Henkel Corporation
Professional and Consumer Adhesive
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Item #	Package	Size
2267077	Spray Can	13.5 oz

DESCRIPTION

Loctite® Spray Adhesive Professional Performance 300 is a premium quality formulation that creates high strength and temperature-resistant permanent bonds. It dries clear and is suitable for light and demanding applications and can be used indoors and outdoors. Ideal where support is not possible.

RECOMMENDED FOR:

Decorative laminate/trim work, marine applications, upholstery work, van/motor home conversions, kick plates, signage, wood, metal, glass, carpet and plastics (polypropylene, acrylics, PVC and more).

NOT RECOMMENDED FOR:

- Unsupported vinyl fabric
- Polystyrene foam board
- Certain plastics and elastomeric substrates can exhibit bond failure due to plasticizer migration (such as flexible PVC)
- Combinations of high humidity and high temperature can promote bond failure
- Repairing or installing car headliner fabric
- Exposure to sunlight or UV*

FEATURES & BENEFITS:

Feature	Benefits
High temperature resistance.....	Can be used outdoors*
Dries clear	Invisible bond
Can apply multiple coats.....	Increases bond strength
CARB Compliant	Meets VOC regulations

COVERAGE:

Estimated coverage per can per coat when sprayed at a rate of approximately 3.5 seconds per yard from a distance of 8 inches from the surface is 61 ± 3 ft².

DIRECTIONS:

Tools Typically Required
Kraft paper or other material to protect surrounding area as over spray may occur.

Safety Precautions:
Well-ventilated area, wash hands after use.

Preparation:
For best performance, the adhesive and materials should be between 65°F (18.3°C) and 95°F (35°C). Shake can well before using (10-12 times). Surfaces must be clean, dry and free of foreign materials. Protect finished surfaces. Pre-fit all materials. Testing of substrates for compatibility is recommended. Repositioning is not possible. Turn spray tip so that the black dot is aligned with the nozzle.



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DIRECTIONS:

Application:

Hold can in a vertical position. Point valve towards surface and spray from a distance of 8 to 10 inches (20 to 25 cm). Keep the can moving to create an even coat and avoid build-up on the surface. Start and stop the spray just off the work to prevent runs and sags. Apply an even coat to both surfaces to be bonded and allow to dry 2 to 5 minutes between coats. Open time will be between 1-10 minutes depending on substrates used. Once adhesive is tacky bond substrates together and apply maximum pressure over entire surface. Adhesive loses tack after approximately 10 minutes. Recoat if this time exceeded. Porous surfaces will require more than one coat. Bubbling may occur on thin laminates if solvents are not given adequate time to flash off. There are many factors outside of Henkel's control that affect the bonding performance, therefore, it is the user's responsibility to test and determine suitability for their given application.

Clean-up:

After use, invert spray can and spray for approximately 2 seconds (or until spray is free of adhesive) to clear valve and spray tip. Clean spray tip with turpentine or mineral spirits. Note: When using solvents for cleanup, use proper precautionary measures and follow the solvent manufacturers' instructions for use.

STORAGE AND DISPOSAL

Containers are under pressure. For maximum performance and shelf life Store at room temperature (above freezing) in dry areas away from direct sunlight. Do not store at temperatures above 120°F (50°C). Excessive heat can cause bursting. Do not store or leave unattended in passenger vehicle compartments. Vehicle interiors can become very hot in sunlight (even during the winter months), vehicles are generally not a safe location for even temporary storage. Use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

DANGER! EXTREMELY FLAMMABLE. Contains Acetone, Hydrocarbons, Parachlorobenzotrifluoride, Methyl Acetate. Vapors may ignite explosively and accumulate readily. Harmful if inhaled, may affect the brain and brain and nervous system, causing symptoms of intoxication, dizziness, nausea, or headache. Causes eye, skin, and respiratory tract irritation. **Do not puncture or incinerate container. Exposure to heat or prolonged exposure to sun may cause bursting. Do not expose to heat or store at temperatures above 120°F (50°C).** Avoid contact with eyes, skin, and clothing. Wash exposed area thoroughly after use. Avoid breathing mist and vapor. Keep away from heat, sparks, and flames. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Do not smoke when using this product. **Use with adequate ventilation.**
FIRST AID: In case of eye contact, flush with water for at least 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. Get medical attention if irritation persists. If inhaled, remove to fresh air. If breathing difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately. **NOTICE:** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. **KEEP OUT OF REACH OF CHILDREN.**



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Refer to the Safety Data Sheet (SDS) for further information

DISCLAIMER

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.





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Typical Uncured Physical Properties:	Typical Application Properties
<p>Appearance: Off-white liquid</p> <p>Base: Synthetic Rubber</p> <p>VOC Content: 38.8 % by weight (CARB)</p> <p>Flash Point: -155.92°F (-104.4°C)</p> <p>Shelf Life: 24 months (unopened)</p> <p>Odor: Solvent (use in a well-ventilated area)</p>	<p>Application Temperature: Contact bonding For best performance, the adhesive and materials should be between 56°F (13°C) and 95°F (35°C).</p> <p>Open Time: 1-10 minutes.</p>

<p>Lot Code Explanation: For example: 13 285 A11J1 (Stamped on bottom of aerosol can)</p> <p>13 = Last two digits of year of manufacture (13 = 2013)</p> <p>285 = Day of manufacture based on 365 days per year (285 = 285th day of year = Oct. 12th)</p> <p>Therefore, the date of manufacture = October 12th, 2013</p>

Typical Cured Performance Properties													
<p>Tensile Lap Shear Strength: (1 coat, 10 minute open time, 24 hr cure)</p> <table> <tr><td>Pine</td><td>88 psi</td></tr> <tr><td>Aluminum</td><td>55 psi</td></tr> <tr><td>PVC</td><td>78 psi</td></tr> <tr><td>Polypropylene</td><td>54 psi</td></tr> <tr><td>Acrylic</td><td>89 psi</td></tr> <tr><td>ABS</td><td>78 psi</td></tr> </table>		Pine	88 psi	Aluminum	55 psi	PVC	78 psi	Polypropylene	54 psi	Acrylic	89 psi	ABS	78 psi
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<p>180° Canvas Peel Strength: (2 coats to canvas, 1 coat to other substrate, 10 minutes open time, 7 day cure)</p> <table> <tr><td>Aluminum</td><td>1.2 lb/in width peel</td></tr> <tr><td>PVC – Rigid</td><td>1.3 lb/in width peel</td></tr> <tr><td>ABS</td><td>1.6 lb/in width peel</td></tr> <tr><td>Acrylic</td><td>1.6 lb/in width peel</td></tr> <tr><td>Polycarbonate</td><td>1.3 lb/in width peel</td></tr> </table>		Aluminum	1.2 lb/in width peel	PVC – Rigid	1.3 lb/in width peel	ABS	1.6 lb/in width peel	Acrylic	1.6 lb/in width peel	Polycarbonate	1.3 lb/in width peel		
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For all applications not specifically outlined in this Technical Data Sheet please contact Technical Services Help Line:

Technical Questions call 1-800-624-7767 – Mon-Fri - 9:00am to 4:00pm ET
www.loctiteproducts.com

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