Revision: November 8, 2011
Supersedes: June 9, 2011
Ref. #: 2204K

TECHNICAL DATA SHEET

SPRAY ADHESIVE PROFESSIONAL PERFORMANCE

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Item #	Package	Size
1418662	Spray Can	13.5 oz.

DESCRIPTION

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

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). Loctite® Spray Adhesive Professional Performance can also be used to strengthen adhesive bonds for building weatherization systems (house wraps and flashing tapes) in cold weather applications.

NOT RECOMMENDED FOR:

- Unsupported vinyl fabric.
- Certain plastics and elastomeric substrates can exhibit bond failure due to plasticizer migration.
- Combinations of high humidity and high temperature can promote bond failure.
- Repairing or installing car headliner fabric.

FEATURES & BENEFITS:

Feature	Benefits
High temperature resistant……..	Can be used outdoors
Dries clear and will not yellow with age……	Invisible bond
Can apply multiple coats……..	Increases bond strength
Does not bubble……..	No reworking

DIRECTIONS

Tools Typically Required
Kraft paper or other material to protect surrounding area.

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

Preparation:
For maximum performance and shelf life, the spray adhesive can should be stored between 56°F (13°C) and 95°F (35°C). Loctite® Spray Adhesive Professional Performance can be applied at temperatures as low as 30°F (-1°F). Shake can well before using. 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.

Application:
Hold can in a vertical position. Point valve towards surface and spray from a distance of 8" to 10" (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. Apply maximum pressure over entire surface. Adhesive loses tack after approximately 10 minutes. Recoat if time exceeded. Porous surfaces will require more than one coat.

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 measure.

STORAGE AND DISPOSAL

For maximum performance and shelf life, the spray adhesive can should be stored between 56°F (13°C) and 95°F (35°C) and away from direct sunlight. Do not store at temperatures above 120°F (50°C). Use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

Contains Acetone, Toluene, N-Hexane, Methyl Acetate, Propane and Butane. Do not use near heat, sparks, open flames or sources of static discharge. Do not puncture, incinerate or store at temperatures above 120°F. Store away from direct sunlight. Use in a well ventilated area. Avoid breathing spray, mist or vapor. Overexposure to vapors may cause irritation of the nose, throat and cause symptoms of intoxication such as dizziness, nausea, headache or indigestion. Repeated or chronic overexposure may cause nervous system, liver or kidney damage. Can cause nerve damage to arms and legs; effects may be permanent. Avoid contact with eyes or skin. Use gloves for prolonged contact. **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. Apply artificial respiration if needed. **KEEP OUT OF REACH OF CHILDREN.**

Refer to the Material Safety Data Sheet (MSDS) 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. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. 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.

TECHNICAL DATA

Typical Uncured Physical Properties:

Appearance:	Off-white liquid
Base:	Synthetic Rubber
VOC Content:	54.80% by weight
Specific Gravity:	0.84
Shelf Life:	Minimum of 12 months (unopened)
Lot Code Explanation:	For example: **10 285** A11J1
(Stamped on bottom of aerosol can)	10 = Last two digits of year of manufacture (10 = 2010)
	285 = Day of manufacture based on 365 days per year (285 = 285th day of year = Oct. 12th)
	Therefore, the date of manufacture = October 12th, 2010

Typical Application Properties

Application Temperature:	Can be applied at temperatures as low as 30°F (-1°C).
Storage Temperature:	For maximum performance and shelf life, spray adhesive can should be stored between 56°F (13°C) and 95°F (35°C).
Open Time:	10 minutes
Odor:	Solvent (use in a well-ventilated area)

Typical Cured Performance Properties

Tensile Lap Shear Strength:
(1 coat, 1 minute open time, 24 hr cure, Ref 25/2009P)

Pine	103 ± 25 psi
Aluminum	49 ± 25 psi
PVC	59 ± 6 psi
Polypropylene	75 ± 6 psi
Acrylic	99 ± 9 psi
ABS	74 ± 32 psi

Tensile Lap Shear Strength:
(2 coats, 5 minute open time, 24 hr cure, Ref 25/2009P)

Pine	118 ± 24 psi
Aluminum	55 ± 7 psi
PVC	59 ± 8 psi
Polypropylene	55 ± 31 psi
Acrylic	76 ± 17 psi
ABS	40 ± 16 psi

Climbing Drum Peel Strength - Aluminum: 4.6 pli
(1 Coat / Surface, 10 min Open Time, 24 hr cure, Ref 21/2011P)

180° Canvas Peel Strength:
(2 coats to canvas, 1 coat to other substrate, 2 min Open Time, Ref 21/2011P)

7 day cure:

Aluminum	3.2 ± 0.4 pli
PVC – Rigid	4.2 ± 0.5 pli
ABS	3.9 ± 0.4 pli
Acrylic	4.1 ± 0.2 pli
Polycarbonate	3.6 ± 0.6 pli