

PRODUCT DESCRIPTION

DAT-SP is a low smell spray adhesive suitable for the automotive, interior furnishings, flooring, wood working and insulation material industries amongst others. It is resistant to high temperatures and forms strong bonds between bonded substrates.

APPLICATIONS

DAT-SP should be applied to both substrates and allowed to dry for 3-30 mins (or until touch dry) before applying both substrates together ensuring no air bubbles.

DAT's SP Low Smell product has earned UL's GREENGUARD Gold Certification, meaning it is certified to be low-emitting and contributes to improved indoor air quality.

PRODUCT CHARACTERISTICS

Appearance	Viscous Liquid Product
Colour	Golden Yellow
Base	Polychloroprene
Solid Content	16-18%
Viscosity	200 – 400 cps
Coverage	~5m ² /kg
Open Time – Working Time	3 mins – 30 mins

STORAGE AND SHELF LIFE

Store in well-sealed containers. Keep satisfactorily for at least 1 year unopened. High temperature storage should be avoided and it is recommended to store within the temperature 4 to 30c and out of direct sunlight.



KEY BENEFITS

- ✓ Sprayable Application
- ✓ Multi Purpose
- ✓ Strong Bond

PRIMARY SUBSTRATES

- ✓ Wood
- ✓ High Pressure Laminate (HPL)
- ✓ Fiber Board
- ✓ PU Foam
- ✓ Leather and Upholstery
- ✓ Rubber
- ✓ Most Porous Materials



PREPARATION

1. Ensure the substrates are clean and free from dust, grit, oil and grease.
2. It should be ensured that substrates are appropriately dry and the humidity level is below 70% in the application area. If condensation is present on application, delay bonding until the glue is moisture-free.
3. Very smooth surfaces should be abraded to promote adhesion.

APPLICATION DATA

Application temp	18°C - 50°C
Coverage	Up to 5m ² per kg
Open/Working Time	3-30 minutes (depending on ambient conditions)
Drying Time	24 hours to full cure.
Cleaning	Clean excess wet adhesive from material and tools with DAT Thinners. Dried adhesive must be cut or scraped away. Clean hands with warm water and soap. DO NOT use solvents to remove product from skin.
Temperature resistance	Up to 60°C

METHOD GUIDE

1. Stir the adhesive thoroughly before loading into spray hopper.
2. Apply DAT-SP to both substrates using a pressurised spray gun (1.5-2mm nozzle and 4 Bar of pressure) ensuring to cover the entire surface area of **both** substrates. Highly porous substrates may require more than one coat.
3. Allow both surfaces 3-30 minutes (dependent on temperature and humidity) for solvents to flash off. Appropriately dried adhesive will feel tacky and appear glossy.
4. Align surfaces into exact position and press together, moving from one end to the other to avoid bubbles. The substrate cannot be moved in place after firm contact is made.
5. Once substrates are joined – pressure should be evenly applied to the surface, starting in the center and working out to the edges. No clamping is required.
6. Trimming or finishing of materials may be carried out immediately after bonding. Allow at least 24 hours of curing time before exposing bonded assemblies to direct sunlight or temperatures over 60°C
7. For further information please contact the after sales department or refer to instructional videos.
8. Materials should be tested first with a small sample to evaluate the method prior to full scale production.

