



The Glue People

Trade Grade Products Ltd
70-72 Cobham Road
Ferndown Industrial Estate,
Wimborne, Dorset, BH21 6SX

Tel 01202 820177

Web Tack NC

Non Chlorinated, high heat sprayable adhesive.

Product Description

Web Tack NC is a multipurpose sprayable adhesive, free from Dichloromethane Methylene Chloride). It was developed to bond a wide variety of substrates. It has excellent grab and a long open time. The product is delivered through a hose and spray gun system, which means application is clean and efficient. After use the gun is locked off and the system remains ready for instant re-use.

Product Uses

Web Tack NC will bond a wide variety of substrates, including wood, metals, rubber, fabric, most plastics, cardboard, carpet, concrete, and decorative laminates. It is ideal for permanent bonds that require good initial bond strength and finds many uses in the joinery, shopfitting and vehicle conversion industries. It provides good temperature resistance and if protected from contamination has a long open time. Always test a small sample of the materials first to ensure the suitability of the product for the application. **Do not use on flexible PVC/vinyl.**

Application

Extremely flammable - Keep away from sources of ignition

Use only in a well ventilated area.

Do NOT reactivate with solvents

Do NOT incinerate

Do NOT expose to temperatures over 50°C

Release pressure before disconnecting hose.

1. Surfaces to be bonded should be clean, dry and free from dust and grease.
2. Substrates should be conditioned before assembly. This is particularly important with laminates. Condition for 48 hours at 20°C with a relative humidity of 45-55%. Air should be able to circulate freely around the components.
3. Connect the hose to the canister and the spray gun to the hose and tighten the connections.
4. Open the valve on the canister. The valve should remain open until the canister is used up. Use the locking nut on the gun after use. Turning off the valve will result in the adhesive drying in the hose and gun causing blockages.
5. Hold the spray gun at 90° to the surface and apply a uniform generous coat of adhesive, ensuring 80-100% coverage.
6. Move the gun in parallel to the surface and pay particular attention to the edges.
7. Do not allow the adhesive to puddle as this can cause an unevenness that can show through the laminate.
8. On porous surfaces it may be necessary to apply a second coat. Always apply to the laminate first and spray one substrate horizontally and the other vertically.
9. It is important to remember that Web Tack is a contact adhesive and forms a bond by sticking to itself, so there must be sufficient adhesive **on both surfaces** for this to happen.
10. Allow the adhesive to tack up and protect from contamination whilst this happens. The adhesive is ready to bond when it feels dry to the touch and does not transfer to the finger tips.

Note: Web Tack NC dries in 1 - 2 minutes under normal conditions, but this will vary under different temperatures and humidities. High humidity and low temperatures will slow the drying time and if the temperature gets very low, can produce bloom. Bloom is moisture which forms on the glue line caused by solvent evaporation lowering the air temperature above it.

Heat Resistance; Web Tack NC has good heat resistance up to 120°C in unstressed bonds.

Assembly

1. Once the two surfaces have been brought together, and aggressive bond will be made. Spacers can be used to ensure the surfaces do not come into contact prematurely.
2. Once the two surfaces are brought together, apply a uniform pressure over the work piece, starting in the middle and working outwards. Use blocks or a 3 inch roller and ensure the whole piece has been worked to ensure adequate contact of the adhesive.
3. Pay particular attention to the edges. Please note that testing at this point by lifting the edge will weaken the bond. A nip roller will give the best results.
4. Once assembled, the piece can be machined or trimmed as required.
5. Full cure will take 24 hours.

Technical Data

Colour:	Clear
Appearance:	Liquid
Solids content:	28-30%
Coverage:	5-10 square metres per litre
Open time	Up to 60 mins

Cleaning

Web Tack NC can be removed with Solvent Cleaner.

Storage and Shelf Life

Protect from extremes of temperature in a controlled environment between 15°C and 25°C, and away from direct sunlight. **Do not stand on a cold concrete floor.** Low temperatures can result in low adhesive coat weights and poor bonds. If canisters are subjected to low temperatures the adhesive will thicken and sometimes separate from the propellant. After bringing the canister back to room temperature, shake or roll the canister to mix the adhesive and propellant.

Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months.

DO NOT ALLOW THE PRODUCT TO GET BELOW 10°C

Disposal

Web Tack NC is supplied in a disposable canister containing 22L. It has a circular piercing ring near the neck which is designed to be punched out when the canister is completely empty and depressurised, so that the canister can then be safely disposed of ensuring compliance with all Local, Regional, National and EC Regulations.

Special comments

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, Web Tack NC

Health and Safety information - see separate sheet
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