

TensorGrip®

T51

HIGH TEMP RE-TRIMMING SPRAY ADHESIVE



FABRIC



THICK FABRIC



SYNTHETIC LEATHER



LOW VOC



WEB SPRAY



TECHDATA

PRODUCT DESCRIPTION

TensorGrip® T51 is a high quality industrial grade high-tack adhesive and is suitable for all trimming applications associated with vehicle conversion and re-trimming. The airless spray delivery system creates minimal overspray and virtually no airborne misting, making TensorGrip T51 ideal for applying in overhead, vertical and horizontal operations.

TensorGrip® T51 provides excellent results in combination with fabrics, leathers, carpeting, linoleum, HPL, foam, GRP, plastics and many other typical vehicle interior finishes.

TensorGrip® T51 has good grab and green strength and cured bonds have good temperature resistance to over 106°C, ideal for most normal environments.

ADVANTAGES

- Fast, high tack
- Excellent room temperature contact bonds
- Excellent green strength and high heat resistance
- Fast drying with good open time
- Excellent bond adhesion for fabrics, leather, carpet, foam, etc. to metal, hard plastic, plywood, etc.
- Portable and convenient
- Airless spray

DIRECTIONS FOR USE

- This product is designed to be applied to one or two sides of the surfaces to be bonded together.
- Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc.
- For best results, the temperature of the adhesive and the surfaces being bonded should be between 16°C - 27°C. Use with adequate ventilation.
- When possible we recommend shaking the canister well before using.
- Attach and secure hose tightly onto the spray gun with required tip. Attach the other end of the hose onto the canister. Make sure the hose-valve connections are securely tight. Open the valve on the canister slowly and fully, check for leaks during this process. Unlock the trigger on the spray gun to start spraying.
- Prior to use, Check compatibility by spraying a small test patch of the adhesive on the substrate. This product may degrade some substrates.
- Spray about 10-20 cm away at a 90 degree angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface. If necessary, spray another coat of adhesive in areas that appear to need more adhesive.
- If using a two way stick, spray both surfaces to be bonded, one surface vertically and the other surface horizontally. Allow the adhesive to tack off until no adhesive transfers to the knuckle when touched.
- Adhere surfaces and press together with adequate pressure. If the spray tip clogs, unscrew the spray tip from the gun and clean with solvent such as lacquer thinner or TensorGrip® S105 acetone cleaner. Do not use a pin on the spray tip orifice



CHEMICAL TECHNICAL DATA

TYPICAL PROPERTIES

| | |
|------------------------------|--|
| Viscosity | 350 cps 25°C sp#2, 30r.p.m. |
| Total Solids | 28% - 30% |
| System Flammability | Non-Flammable adhesive with a flammable propellant |
| Shear | > 250 p.s.i. |
| Tensile (180° Peel) | > 25 p.s.i. |
| 90° Peel (6.25 sq.cm) | > 25 p.s.i. |
| Shear adhesion failure temp. | (25mm/100gram) 115°C |
| Open time | 5-10 Minutes |
| SHELF LIFE | 9 months from date of manufacture |

AVAILABLE IN



AEROSOL
500 ML

COVERAGE
7M²



CANISTER
22 LITRES

COVERAGE
230M²



JUMBO
220 LITRES

COVERAGE
2,300M²

COLOURS



CLEAR



GREEN

HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- Do not store at temperatures over 50°C.
- Avoid exposure to direct sunlight.
- Do not store directly on concrete floor.
- Always store above 15°C
- When connected, keep valve open and hose pressurised at all times
- Always test our adhesives to determine suitability for your particular application prior to use in production

CANISTER STORAGE & CHANGE OVER

- Leave the valve on the canister open. Do not disconnect the hose/gun from the canister (unless changing to a new canister).
- To change or disconnect canister: turn canister valve to the off position, spray out remaining adhesive left in the hose, disconnect the spray hose and gun from the canister.
- Reconnect the spray hose to a new canister of adhesive. if you are NOT connecting to a new canister, connect hose to canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean.

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