

# TensorGrip®

# TC49

SUPER FINE MIST  
INFUSION SPRAY  
ADHESIVE



THIN FABRIC



FIBERGLASS/GLASS  
REINFORCED PLASTIC



CARBON FIBER  
INFUSION



FINE MIST SPRAY

# TECHDATA



## PRODUCT DESCRIPTION

TensorGrip® TC49 is a super light weight, fine mist spray adhesive which does not soak into your substrates but holds them fast while you work with them. TC49 is compatible with most resin types including epoxy resin.

## ADVANTAGES

- Fast Tack
- Low Odour
- Fine Mist Spray
- Repositionable
- Easier De-moulding
- Minimal Overspray
- Toluene Free

## DIRECTIONS FOR USE

- This product is designed to be applied to one side of the surfaces to be bonded together. However, It can be used for double sided bonding where required.
- 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 or aerosol 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 20-40 cm away at a 90 degree angle to the surface, applying a uniform, even coat. 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

Total Solids	25%
System Flammability	Flammable adhesive with a flammable propellant
Dry time	Immediate
Open time	< 15 Minutes
SHELF LIFE	18 months from date of manufacture

### AVAILABLE IN



AEROSOL  
500 ML  
COVERAGE  
14-20M<sup>2</sup> Approx



CANISTER  
13 LITRES  
COVERAGE  
540M<sup>2</sup> Approx

### COLOURS



CLEAR

## 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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