

# L71

# EXTREME HIGH-TEMP SOLVENT RESISTANT CONTACT ADHESIVE

DATA SHEET  
**TensorGrip®**



Veneers



Standard Laminate



FRP/GRP



Metal/Aluminum  
Sheetting



As part of our **WOODWORKING** range, L71 is a web spray adhesive designed for use in fabricating countertops, cabinets and doors using the substrates listed above.

## PRODUCT DESCRIPTION

**TensorGrip® L71** is a revolutionary high performance, plasticizer resistant adhesive, specially formulated for bonding vinyl, rubber and plastics. Works well on decorative surfaces subject to plasticizer migration as well as many other surfaces including standard laminate and aluminium. Like epoxy, chemically reacts to create permanent bond.

### ADVANTAGES

- Solvent resistant
- Over 300°F (150°C) temperature resistant
- Excellent plasticizer resistance
- Strong, permanent bonds
- High output for fast application
- Resists weathering, water, fuel, oil and many other plasticizers
- Bonds to damp surfaces
- Bonds vinyl permanently

## DIRECTIONS FOR USE

- **TensorGrip® L71** is designed as a portable, self-contained spray system for field or shop applications.
- Apply adhesive to both surfaces to be mated, at 80% to 100% coverage.
- Allow 3-5 minutes or until just slightly sticky, but not longer than 20 minutes before mating substrates.
- Parts should be mated with as much pressure as practical. Ensure 80-100% coverage with spray pattern.
- Within one to two hours, bond is strong enough to allow cutting or trimming, although ultimate strength is achieved in 1-3 days.
- Canister system will spray adequately above 60° F. Canister system should be kept in warm area. In the event that the canister gets abnormally chilled, freezes or gives poor or sputtering spray, it should be warmed up before continued usage. Warming canister by immersion in warm water is recommended.
- Notice!!! Do not store at temperatures over 120° F.

**CARE OF SPRAY TIP:** Because **TensorGrip®** Cross-linking Contact Adhesives will cure in the tip, if it is going to be more than 10 minutes between uses of the gun:

- Using **TensorGrip®** S800 Point aerosol and gun away from yourself and wear safety glasses
- Spray whole tip until tip is clean
- Hold S800 nozzle directly on or within ½" of the orifice of the tip
- Spray **TensorGrip** S800 directly into the orifice until it is clear (1-3 seconds)

### CANISTER STORAGE/CHANGE OVER

- If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open. Do not disconnect the hose/gun from the canister. Close and lock the spray gun.
- 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. OR 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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## CHEMICAL TECHNICAL DATA

### TYPICAL PROPERTIES

- Total Solids 37-43%
- VOC Content 198 g/L
- Color Clear, Blue
- System Flammability Non-Flammable Adhesive; Flammable Propellant
- Solvent System Methylene Chloride
- Dry time 3-5 mins dependent on temp & humidity
- Open time 20 mins
- Shelf Life 18 months from date of manufacture

### PACKAGING

- 22L Disposable Canister

## STORAGE

### HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- Do not store at temperatures over 120°F/50°C.
- Avoid exposure to direct sunlight.
- Do not store directly on concrete floor.
- Always store above 60°F/15°C
- When connected, keep valve open and hose pressurized at all times
- Always test our adhesives to determine suitability for your particular application prior to use in production

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