

# TensorGrip®

# H11N

NON-FLAM PS  
ADHESIVE



METAL/ALUMINIUM  
SHEETING



INSULATION



WEB SPRAY



ZERO FLAM



## TECHDATA

### PRODUCT DESCRIPTION

TensorGrip® H11N is a highly versatility high tack spray adhesive with a long open time and high tack level with excellent strength for bonding a wide variety of substrates including fabrics, upholstery, foam, plywood, MDF and many others.

### ADVANTAGES

- Excellent adhesion for a variety of materials including soft fabric, leather, most hard plastics, carpet insulation quilt and slab to most porous and non-porous substrates, e.g. plywood, MDF, chipboard, sheet metal, etc
- High tack
- Excellent room temperature contact bonds
- Fast drying with long open time
- Excellent green strength and good heat resistance

### DIRECTIONS FOR USE

- This product is designed to be applied to both 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. 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. 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. A roller is recommended to apply a uniform pressure to achieve maximum strength. Allow 24 hours for the adhesive to fully cure.
  - 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.

# Tensorgrip®

# HIIN

NON-FLAM PS  
ADHESIVE

## AVAILABLE IN



CANISTER  
22 LITRES



JUMBO  
220 LITRES

## COLOURS



CLEAR



GREEN

## CHEMICAL TECHNICAL DATA

### TYPICAL PROPERTIES

Viscosity	300 cps 25°C sp#2, 30r.p.m.
Total Solids	29.0% +/- 2%
System Flammability	Non-flammable adhesive in flammable propellant
Shear	> 150 p.s.i
Tensile (180° Peel)	> 25 p.l.i.
Shear adhesion failure temp.	(SAFT) 100gram > 105°C
Dry time	1-3 mins dependant on temp & humidity
Open time	Long
SHELF LIFE	18 months from date of manufacture

## 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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