

# C33N NON-FLAM PRESSURE-SENSITIVE ADHESIVE

DATA SHEET  
**TensorGrip**<sup>®</sup>



As part of our **CONSTRUCTION** range, C33N is a web spray adhesive designed for use in applications using the substrates listed.

## PRODUCT DESCRIPTION

TensorGrip<sup>®</sup> C33N is a powerful pressure-sensitive adhesive, offering fast dry and high tack while still allowing repositionability and retaining lasting tackiness.

### ADVANTAGES

- 100% Non-flammable
- VOC free
- Fast dry, high tack, long open time
- 80% of final strength immediately
- Very aggressive PSA
- Repositionable
- Good heat resistance (up to 170°F/77°C)
- Excellent green strength and high heat resistance
- No ODS (Ozone Depleting Substances)

## DIRECTIONS FOR USE

- TensorGrip<sup>®</sup> C33N is designed as a portable, self-contained spray system for field or shop applications.
- Apply adhesive to one or both surfaces to be bonded, with buildup sufficient to properly fill in between stitching rows.
- Allow 5-30 minutes or until just slightly sticky, but not longer than 40 minutes before mating substrates. For greater repositionability, mate substrates sooner.
- Parts should be mated with as much pressure as practical. Ensure 80-100% coverage with spray pattern.
- On 2-sided applications, bond may be strong enough to allow cutting or trimming in an hour if coating is light. Allow three hours for single side applications or heavier coverage. 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        | 29-35%                                |
| • VOC Content         | 0 g/L                                 |
| • Color               | Blue, Clear                           |
| • System Flammability | 100% Non-Flammable                    |
| • Solvent System      | Methylene Chloride                    |
| • Dry time            | 3-5 mins dependent on temp & humidity |
| • Open time           | Long                                  |
| • Shelf Life          | 18 months from date of manufacture    |

### PACKAGING

- |        |                     |
|--------|---------------------|
| • 22L  | Disposable Canister |
| • 108L | Returnable Canister |
| • 216L | Returnable 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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