

# SabreGrip™ S50

SabreGrip S50 is a high solids contact adhesive that effectively bonds a vast range of substrates while maintaining compliance with stringent California VOC requirements (SCAQMD Rule 1168).

## Advantages

- Aggressive – superb bonds to porous foams
- Tough, flexible adhesion to thick fabrics
- Fast dry with excellent initial bond
- Good heat resistance (up to 90°C)
- High-strength, long-term bond
- Web Spray
- 80% of final strength achieved immediately
- Full strength achieved in 24 hours

## Physical Properties

|                            |  |
|----------------------------|--|
| <b>Total Solids</b>        | 32-38%                                       |
| <b>Colour</b>              | Clear/Green                                  |
| <b>System Flammability</b> | Flammable Adhesive; Non-Flammable Propellant |
| <b>Solvent System</b>      | Methyl Acetate                               |
| <b>Dry time</b>            | 2-4 mins dependent on temp & humidity        |
| <b>Open time</b>           | Long   |



As part of our FOAM & FABRIC range, SabreGrip S50 is a web spray adhesive designed for use in Domestic Furniture, Office Furniture and Mattress applications using the substrates listed.

## Product Usage

- SabreGrip S50 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 enough time (2-4 minutes or until dry to the touch) for the adhesive to become tacky before bonding.
- Parts should be mated with as much pressure as practical.
- Normal coverage required with web spray pattern is approximately 80%; however, porous surfaces may need a second coat.
- Initial bond is strong enough to allow cutting or trimming immediately, although ultimate strength is achieved in 1-3 days.
- Canister system will spray adequately above 15°C. 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 50°C.

### 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.

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- 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.

## 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

## Packaging



500ml Aerosol • 22 kg Disposal  
• 220L Returnable Canister

### IMPORTANT NOTICE

Sabre Adhesives Limited makes no warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application. Due to the fact that specific substrates, such as: plastics, polycarbonates, etc, may differ from manufacturer to manufacturer we recommend preliminary compatibility tests. Please remember that many factors can affect the use and performance in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a product. Given the variety of factors that can affect the use of our products some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

### LIMITATION OF REMEDIES AND LIABILITY

If the product is proved to be defective, the sole remedy shall be to refund the purchase price or to repair or replace the defective product. Sabre shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

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