

TECHNICAL DATA SHEET

SabreGrip™ S41

SabreGrip S41 is formulated to provide a nonchlorinated adhesive for high-strength applications in the acoustic lining industry. SabreGrip S41 has extreme tack performance, a long open time and highly controllable spray pattern enabling fast acoustic panel installations with the advantage of low adhesive odour.

Advantages

- Non Chlorinated
- Fast Tack
- Good Heat Resistance
- Low Odour
- Low VOC
- High Initial Strength
- Polystyrene Safe

Physical Properties

Viscosity	328 cPs
Total Solids	27.42%
System Flammability	Flammable liquid in flammable gas
Specific Gravity	0.745
Shear adhesion failure temp	100°C
Dry time	Approx 5 Minutes
Open time	2 Hours



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 Sabre Citrus Cleaner. Do not use a pin on the spray tip orifice.

Note: For applications above head height a perimeter bead of construction adhesive, such as TensorBond ACA, must be used in conjunction with this product. Not recommended for use with plasticised vinyl substrates.

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.

Packaging & Colour



Available colours: Clear • Green

Packaging size:

- Aerosol 500 ml – Coverage 7m² Approx.
- Canister 22 L – Coverage 230m² Approx.

Reviewed January 2023
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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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