

SabreGrip™ S30

SabreGrip S30 is a high performance contact adhesive with a unique resin formula which creates a tough and resilient bond line between decorative surface materials and all common wood substrates. SabreGrip S30 is suitable for bonding HPL and fabrics to a variety of substrates including MDF, chipboard, plywood, and many other timber sheet metals. SabreGrip S30 is designed for permanent bonding of materials where immediate bond strength and high heat resistance is required. SabreGrip S30 can also be used for bonding sheet metals, where surface preparation is very important – surface must be degreased and lightly abraded with fine abrasive or non-woven material.

Features

- Fast Drying
- Good Heat Resistance
- High Solids
- Portable Systems
- Easy Application Control
- Class 1 Fire Rating
- High Strength Bond



Handling & Storage

- Consult MSDS prior to use
- Do NOT store at temperatures over 50°C
- Avoid exposure to direct sunlight
- Do NOT store directly on concrete floor
- For optimum performance, store at 18°C during use, but must always be above 10°C.

Shelf Life

18 months from date of manufacture.

Note

Before using, the user shall determine the suitability of the product for their intended use. Use only as directed. Additional information is listed in the Material Safety Data Sheet.

Physical Properties

Appearance	Clear or Green
Viscosity	350 cps 25OC sp#2, 30r.p.m
Glue Solids	28 – 30%
Solvent	Methylene Chloride
Shear Adhesion	>250 p.s.i
Tensile (180° Peel)	>25 p.s.i 90° Peel (6.25 sq.cm) > 25 p.s.i
Shear Adhesion Failure	
Temp (SAFT)	> 124°C
Heat Resistance (25mm/100gram)	> 115°C
Flammability	Non Flammable adhesive solution in flammable propellant
Dry Time	1–2 mins dependant on temp & humidity
Open Time	30 mins
Coverage	21 dry grams/m ²

Product Usage

This product is designed to be applied to two 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 60° F – 80° F (16° C – 27° C) Use with adequate ventilation. 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 – 20CM away at 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 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.

Special Precautions

- Allow substrates to acclimatise to normal room temperature (18°C) for 48 hours before bonding. Do not exceed open time of the adhesive.
- MSDS and Technical Data Sheets MUST be read and understood before use. Information contained in this technical literature is believed to be accurate and offered in good faith for the benefit of the consumer. The company however cannot assume any liability or risk involved in the use of chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to infringe on any patent.

First Aid

Ingestion: DO NOT induce vomiting. Rinse mouth immediately and give 1–2 glasses of water and obtain medical assistance. Should the patient vomit, maintain a clear airway until medical assistance is obtained.

Eye Contact

Wash with water immediately and obtain medical assistance.

Skin Absorption: Wash all affected areas thoroughly with soap and water. Clothing should be laundered before reuse. Seek medical advice for skin irritation.

Inhalation

Carefully remove persons to fresh air, avoid becoming affected yourself. If the person is severely affected obtain medical assistance. If the person stops breathing apply artificial respiration and other first aid techniques as required until medical assistance is obtained. If poisoning occurs, contact Poison Hot Line Australia 131 126, New Zealand 0800 764 766, or visit your doctor.

Spill or Leaks

Wear appropriate protective clothing and equipment. Extinguish all ignition sources. Dam and recover. Prevent entry into drainage systems, rivers and waterways etc. Collect with absorbent materials such as sand, earth or appropriate commercial absorbent. Shovel up with non-sparking tools then place into suitable containers for disposal as per Local / State or Federal Regulations. Empty containers may have

product residue. Follow safety procedures until empty container is cleared.

Fire

In case of fire use Carbon Dioxide Foam or Dry Chemical. Do not use Water Jets.

Warnings

For industrial use only. Use in ventilated areas. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Keep out of reach of children.

Caution

These materials may be harmful if swallowed or inhaled and may cause skin or eye irritation. Avoid breathing vapour. Use only in well-ventilated areas and wear appropriate personal protection equipment. Avoid contact with skin and eyes. Do not eat, drink or smoke while using. Keep away from heat, sparks, open flames and any other sources of ignition. Do not contaminate water supply. Dispose of empty containers safely. Additional information is listed in the Material Safety Data sheets.

Packaging



500ml Aerosol • 12/ctr

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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