

# TECHNICAL DATA SHEET

## SabreGrip™ S60

SabreGrip S60 is a versatile, high performance industrial contact adhesive, that is water resistant. SabreGrip S60 is designed specifically for bonding expanded polystyrene and may also be used on a variety of other materials including MDF, plywood, fabrics, upholstery, foam, cork and some plastics. Ideal for single sided applications in commercial screen manufacturing.



### Features

- Fast Tack
- Long Shelf Life
- Water Resistant
- No ODS (Ozone Depleting Substances)
- High Strength Bond
- High Solid Content
- Will not harm polystyrene surface

### Physical Properties

Appearance	Clear
Liquid Specific Gravity	.61 ± 0.02
Glue Solids	30 – 32%
Solvent	Hexane Acetone
Shear Adhesion	Expanded Polystyrene fails before bond
Flammability	Flammable per industry standard flame projection test

### Product Usage

SabreGrip S60 is designed to be applied to both of the two surfaces to be bonded. Ensure that surfaces are dry and free from dirt, grease, oils and any other solvents. Spray an even 'web' of adhesive to cover 80% to 100% of the surfaces.

Ensure all edges are coated (window spraying is recommended). Do not allow the adhesive to concentrate or puddle in one area. Allow the adhesive to dry to tack for 2-4 minutes.

To test the tack, touch adhesive lightly with the back of your finger. If the adhesive feels sticky but does not transfer to the skin, the adhesive has dried to tack. It is important that no solvent is trapped between the surfaces but that the adhesive is not too dry when bonding. For porous surfaces and crucial areas, it is recommended to apply a second coat after the first has become tacky. Position components carefully, as a strong bond is made immediately on contact. Place the coated surfaces together and apply firm, uniform pressure (20psi is the recommended pressure) to the entire bonding surface ensuring that any air bubbles are expelled (a hand or niproller is recommended). Full adhesive strength will be reached in 24 hours.

To remove excess adhesive use SabreGrip Citrus based adhesive remover.

### Shelf Life

1 year from date of manufacture.

### Storage

Store out of direct sunlight in a dry, well-ventilated area indoors between 5°C and 20°C. Store away from foodstuffs.

### 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.

### 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. Do not store above 48°C. 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



13.5kg Disposable Canister

Reviewed January 2023  
SabreGrip\_S60\_TDS\_2301

### 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.

## New Zealand

+64 6 366 0007  
40-42 Cambridge St South  
Levin 5510

## Australia

+61 2 9098 8244  
Level 6, 10 Herb Elliott Ave  
Sydney Olympic Park, NSW 2127