

SabreGrip™ PG1400

SabreGrip PG1400 is an industrial strength, sprayable contact adhesive formulated to have an extremely high heat resistance of greater than 128°C. SabreGrip PG1400 is water resistant and has a high solid content that results in a high coverage. SabreGrip PG1400 has a medium open time to facilitate production schedules and yet give time to position bonding surfaces in hard to access areas. SabreGrip PG1400 is widely used by auto trimmers, marine upholsterers, and insulation installers and in many other industries to form high strength bonds with a wide range of materials including fabric, leather, felt, canvas, head linings, insulation materials, frontrunner, deck tread, fibreglass, polyurethane foam, metals, decorative laminates, MDF, particle board, plywood, cork, carpets, some vinyl's, plastics and rubbers, and many other materials.



Features

- Fast / Immediate Tack
- Excellent Green Strength
- High Solid Content
- High Strength Bond
- High Heat Resistance
- Water Resistant

Storage

- Store out of direct sunlight in a dry, well-ventilated area indoors between 5°C and 20°C.
- Store away from foodstuffs.
- Keep containers closed when not in use – check regularly for leaks.

Shelf Life

1 year from date of manufacture.

Physical Properties

Appearance	Red or Natural
% Solids Concentrate	17 – 19%
Coverage	70 – 90m ²
Viscosity (Brookfield 3/50/25)	280 – 400 cps
Specific Gravity	0.86 g/ml
Solubility in water (g/l)	Insoluble
Heat Resistance	>128°C
Flammability	Flammable

Directions for Use

Application of Adhesive. Shake or stir thoroughly before use. Ensure all surfaces to be bonded are clean and free of dirt, grease, oils, solvents and other contaminants. Ideal bonding temperature for adhesive is above 16 °C.

- SabreGrip PG1400 may be applied with a brush (use quick short strokes), roller, air or airless spray equipment. Apply a thin, even coat to cover 100% of the entire area of both surfaces to be bonded. 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 the 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 nip roller is recommended). Full adhesive strength will be reached in 24 hours.

- To remove excess adhesive use Sabre CC Citrus Cleaner.

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 & Colour



Available colours: Red or Natural
Packaging size: 20L • 200L.

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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