Technical Data Sheet

GB CA2000 - Contact Adhesive

30 June 2025

Product Description

GB CA2000 provides the following product characteristics:

Technology	Rubber based contact adhesive
Application	Wood, construction and light industry

Application

GB CA6000 was specifically developed as a superior all-purpose contact adhesive for the construction industries, wood industries and light industries i.e. shoe repair, leather work and decorative work

Technical Data

Physical State:	Liquid
Colour:	Yellow Caramel
Solids	± 24%
Viscosity	± 2700 Cps

Application Temperature

For optimum results with GB CA2000, the substrate temperatures should be above 18°C to achieve the best results.

Application Method

- Stir well before use.
- Apply GB CA2000 to both surfaces evenly with a fine serrated towel or stiff brush covering the entire area to be bonded.
- For effective bonding on absorbent surfaces and porous substrates, apply two coats. The first coat will act as a sealer preventing excessive absorption of the second coat into the surface or substrate. GB CA2000 dries from outside in, form a skin which can fool you into believing that the adhesive in dry and ready for bonding. This can lead to solvent entrapment, causing bubbling and or lifting as solvents escape.
- Allow both surfaces to dry until touch i.e. no adhesive transferred to the tip of the finger when touching. Allow for approximately 10 – 15 minutes under a normal room temperature of 23°C.
- Conditions of high temperatures and low humidity will shorten the open time.
- After the surfaces are touch dry, the two surfaces or substrates must be brought together before the adhesive loses its bonding capability. These substrates or surfaces must be brought together within 30 minutes.
- Carefully align the two surfaces or substrates before bonding, since no adjustment is possible after the adhesive films have made contact.
- Apply firm pressure to the whole surface area for a few seconds to create an instantaneous bond. A pinch roller or a J roller (rubber roller with metal handle) is recommended. Apply a minimum pressure of 30 psi. The stronger the pressure the better the bond.
- Full bond strength is achieved after 24 hours
- Spray application can be used to apply the GB CA2000

Limitations

- Not recommended for use as a structural adhesive.
- Not suitable for polyethylene, polypropylene, expanded polystyrene and PVC.
- Not suitable for bonding of substrates and surfaces with temperatures above 80°C.

Application Properties

GB CA2000 demonstrates the Benefits & Features

- Excellent initial grab
- Bonds a wide variety of substrates
- Easy to apply
- Good heat resistance
- Suitable for interior and exterior use

Cleaning

Clean applicators and spray equipment with suitable solvents such as toluene, acetone or thinners immediate after use.

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Storage Conditions
GB CA2000 should be stored in its original seal packaging in an enclosed warehouse at temperatures below 25°C. Container lids must be tightly closed when the product is not in use. Stocks should be rotated to avoid the use of over aged products.

Shelf Life
Under the above storage conditions GB CA2000 has a maximum shelf life of 12 months.

Application Note
If working under conditions of high relative humidity (above 50%), a situation know as “blushing” can affect solvent base adhesives. The “blush effect” is caused by rapid evaporation of the solvents which causes condensation of the glue line surfaces.
With the touch of your hand, if it feels wet, there is moisture on the glue line. A colour change will be noticeable whereby the clear adhesive turns cloudy.
To prevent “blushing”, ensure that both surfaces and substrates are at or above room temperatures during the gluing process.

Additional Information
Disclaimer:
The information provided herein, specifically the recommendations for usage and application of our products, is based upon our knowledge and experience. Due to the different materials used as well as the variable working environment beyond our control, we request that intensive trials are done to test the suitability of our products with regards to the required processes and applications. We do not accept any liability with regards to any verbal recommendation, except for the cases where we are liable of gross negligence or false intention. This data sheet replaces all former versions.

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