

# Technical Data Sheet



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Replaces Sept 2012

## CB103 BRUSH GRADE CONTACT ADHESIVE

### DESCRIPTION:

CB103 is a brushable, solvent based polychloroprene adhesive. CB103 is suitable for bonding substrates such as sheet flooring, skirting, timber veneers, metal foils and plastic laminates to themselves or to timber and particle board. CB103 is not suitable for expanded polystyrene foam > Fast drying  
Non-slump.

### CAUTION:

Always test a small area of the particular materials to be bonded to evaluate suitability of the adhesive.

Apply material to both surfaces and let touch dry then put together and roll with pressure.

### TYPICAL PROPERTIES:

- Type: Brushable contact adhesive.
- Base: Polychloroprene rubber / resin.
- Colour: Natural (honey coloured).
- Adhesive Solids: 18-22%
- Caution: Highly flammable.
- Density: Approximately 0.8 Kg/L.
- Shelf Life: 12 months in unopened containers at 5 – 30°C.
- Toxicity: Contains potentially toxic solvents (toluene, ketones, aliphatic hydrocarbons).
- Breathing of vapour should be avoided.

### DIRECTIONS FOR USE:

**CAUTION:** Always ensure adequate positive forced air ventilation is provided. Do not use CB103 near naked flames, electric heaters, electric motors, gas pilot lights or other sources of ignition.

### Adhesive

- Stir adhesive thoroughly before using. A small amount only of Lockfast Solvent HA may be added to thin if necessary.

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## DIRECTIONS FOR USE (cont'd)

### Surface Preparation

- It is essential that the surfaces to be bonded are dry and clean. All traces of dust, oil and dirt must be removed; it may be necessary to wipe surfaces with Solvent HA.
- Levelling of floors may be done with Matrix or FLC compounds. If in doubt about potential wet or damp floors, seal with Aquaguard 101 before proceeding.

### Application

- For good results, the temperature of the adhesive and materials to be bonded should be above 10°C with relative humidity below 80%. CB103 may be applied with a brush, paint roller or notched spreader. Apply a uniform coat of adhesive on both surfaces to be bonded. Allow adhesive to dry until it feels slightly tacky to touch. This will take 1 – 10 minutes depending on porosity of materials and ambient temperature. On porous surfaces (e.g. edges of particle board) it is desirable to apply a second coat of adhesive. Caution of surface condensation in cold, damp, still conditions. (surface whitening may be evident).
- Once the adhesive has dried to the slightly tacky stage, the materials may be joined immediately or up to 30 minutes later.
- Accurately position the surfaces to be bonded, then bring the coated surfaces together with smooth, firm pressure. Final bond strength will be obtained after 48 hours.

### COVERAGE:

- Approximately 6 square metres per litre, that is 3 square metres of bonded area per litre.

### CLEAN UP:

- Lockfast Solvent HA is a strong solvent suitable for cleaning adhesive from equipment.

### Caution:

Solvents are flammable and have harmful vapour.

## **IMPORTANT NOTE:**

This bulletin is for general guidance only and may contain inappropriate information under particular conditions of use. It is the adhesive user's responsibility to ensure that the adhesive is suitable for the intended application. If in doubt about any aspect of suitability or application, seek advice from Nuplex Industries before using.