



Gilt Edge Industries Ltd®

TECHNICAL DATA SHEET

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GILTGRIP 500

I. Product Description

GILTGRIP 500 is a multi purpose high strength contact adhesive, with a wide range of applications. It has been specially developed for commercial contractors. Its versatile application methods and long working time make it ideal for bonding large areas. GILTGRIP 500 gives a heavy glue line which results in exceptional performance and superior bond strength.

It will bond most materials to each other or other substrates and is used by roofing contractors, vinyl and carpet installers, motor trimmers, furniture manufacturers etc.

II. Application and Directions

PREPARATION:

- Surfaces to be bonded must be thoroughly clean and dry, for optimum results they should be pre-wiped with ADOS Solvent N.
- Stir adhesive thoroughly before use.
- Some porous surfaces may require pre-coating to seal material. Allow a thin coat to dry thoroughly before applying final coat of adhesive.

THINNING:

- Thinning is unnecessary unless the adhesive has thickened due to solvent evaporation, caused by the lid being left open for long periods.
- Where necessary ADOS Solvent N may be used for thinning to reduce viscosity and aid with flow characteristics.

APPLICATION:

- Use a brush, roller, air driven or airless spray equipment.
- Apply a thin, even layer of adhesive to both surfaces; brushing in short, quick strokes.
- Ensure that the spray pattern atomisation is pinhead size.
- Between 15-20 minutes, the solvent should have evaporated and the adhesive should be 'tacky' enough to bond the surfaces together. A useful indication is to touch the surfaces (all over) with a clean finger: if they are 'sticky' to the touch, without transferring to your finger, they are ready to bond together. It is imperative that no solvent is trapped between the bond.
- Position components accurately, as when contact is made, the bond will be immediate.
- Apply maximum overall instant pressure, taking care to expel any air bubbles, to ensure a complete bond. Use of a hand pressure roller, e.g. a vinyl-flooring roller, provides good direct pressure.
- A dry adhesive surface may be reactivated by wiping over with ADOS Solvent N. An alternative method is heat reactivation to 80°C. In this case, care must be taken to ensure that all solvent has evaporated before heating.

CLEANING:

- ADOS Solvent N: For cleaning equipment, brushes, rollers, etc.
- ADOS Solvent PS: For removing adhesive from surfaces as it coagulates. DO NOT use to clean equipment, brushes, rollers, etc.

III. Features & Benefits

- **Versatile** – Multipurpose
- **Heavy glue line** – Very high bond strength
- **Long working time (bond time)** – Ideal for bonding large areas
- **High solids** – Superior bond strength, greater coverage
- **Heat Resistant** – Tested to 93°C (CRT Dead Weight Test)
- **Colour (Clear)** – Ideal for seam joints
- **Colour (Red)** – Greater visibility of coverage

IV. Typical Properties and Characteristics

Type	Solvent-based contact
Composition	Polychloroprene (Neoprene®)
Colour	Clear or red
Temperature Range	Tested to -20°C to +93°C
Reactivation	Heat or solvent
Viscosity	190 ± 20 cps @ 25°C
Coverage	4-6 m ² per litre bond area
Working Time	15-60 minutes at 20°C

V. Package Description

Part Number	Size
8050	4 litre Clear
8054	20 litre Clear
8056	20 litre Red

VI. Special Precautions

General:

The solvents in GILTGRIP 500 are Highly Flammable. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Use with adequate ventilation. Do not eat, drink or smoke while using. Store in a cool, well-ventilated area and indoor temperature must be between 5°C and 20°C. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

First Aid:

Swallowed – Give water to dilute. Do not induce vomiting. Get medical attention without delay.

Skin – Remove contaminated clothing and wash skin thoroughly with soap and water. Do not scrub skin.

Eyes – Hold open and flush with water for at least 15 minutes. Get medical attention without delay.

Inhalation – Remove to fresh air. If breathing difficulty get medical attention immediately.

Refer to Material Safety Data Sheet for more details.

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PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.