

C8530 – Technical Data Sheet



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Description

C8530 has been developed specifically for use in the upholstery and furniture industry. It is a low-pressure non-flammable sprayable contact adhesive that offers the manufacturer many benefits:

- Ideal for creating furniture and upholstery items – It securely bonds flexible and soft foam (polyurethane) to itself, as well as a wide range of other materials, including wood, plastics and most metals. Bonds are durable with excellent heat-resistance. **C8530** also creates a soft bond line, which helps to simplify the cutting process during manufacturing and ensures a great finished product.
- Minimises production time - It is a single-component adhesive that requires no mixing and is rapidly applied to substrates by spraying. **C8530** also permits the quick handling of bonded substrates because it develops aggressive tack and green-strength within one minute.
- Suitable for machine and manual application - It is suitable for use with a range of equipment, but also will give an excellent coverage when sprayed by hand. **C8530** also has a long open tack-time of up to 30 minutes, which gives you the flexibility to allow for unforeseeable delays. This makes **C8530** particularly suited to manual applications.
- Extremely economical - It has a high solid content in comparison to similar products. The method of spraying also ensures excellent coverage and reduces wastage, which keeps the amount of adhesive required to a minimum.

Physical Properties

Base	Synthetic Rubber
Appearance	Neutral
Temperature	-30 to 70°C
Application	5-30°C
Coverage	20m ² /L approx
Viscosity	250 cps
Tack-Life	1-30 minutes
Storage	5-25°C
Environmental	See MSDS

Directions for Use

1. Ensure surfaces to be bonded are clean and free from grease and other contaminants. Metal surfaces in particular should be grease free and cut foam should not be contaminated with silicone lubricants from the cutting operation.
2. **C8530** may be sprayed by hand or sprayed through most equipment, but for best results we recommend a gun fitted with a fluid tip/needle and an air-cap. A material pressure of 20-30 psi and an atomising pressure of 40-60 psi are required.
3. Apply **C8530** to both surfaces of the glue line. The amount required will depend on the porosity of the substrates (usually the less-porous surface is sprayed), but is normally in the range of 20-40g (dry) per square metre.
4. The surfaces can be joined immediately or up to 30 minutes of the adhesive being sprayed (depending on atmospheric conditions).
5. Apply pressure via nip rollers or a short period in a platen or other type of press.

Please consult the C8530 Health & Safety Data Sheet for statutory regulation information.

Information relating to the products of Bondrite Adhesive Limited is based on tests carried out under laboratory conditions. If any of our products are not used in accordance with our instructions or are used under conditions which vary from our laboratory, they may not perform in accordance with any information provided and Bondrite shall not have any liability in this case. Bondrite will accordingly provide samples of our products, on request and free of charge, for Customers to carry out their own tests as to suitability of our product for their purposes and as used in their intended environment.

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