

Soudabond Power Spray USA

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Technical data

Basis	Synthetic rubber
Curing system	Physical drying
Total solid content	Ca. 14 %
Temperature resistance**	-20 °C → 100 °C
Evaporation time (=minimum time before bonding)	Ca. 5 min
Open time (23°C, 55% RV)*	Ca. 45 min.
Pressing times	15-30s, press, roll or tap well
Application temperature	5 °C → 30 °C
Spray pattern	Web
Consumption*	Ca. 125 ml/m ² each side

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Soudabond Power Spray USA is a ready-to-use, strong and fast contact adhesive based on synthetic rubbers. It is applied two-sided and carried in an aerosol.

Properties

- Universal use
- Complies to Prop. 65
- Complies to CARB VOC
- Short evaporation time
- Fast strength build-up.
- High end strength
- Ready to use and very user-friendly
- Dichloromethane (DCM) free
- Fast drying process.
- Good adhesion to many materials
- Fast hand tight bond.

Applications

- For bonding a broad range of materials (not suitable for uneven surfaces).
- Suitable for the fast bonding of e.g. plastics, metal, timber, porcelain, cork, leather, ceramics, cardboard, paper and rubber.
- Suitable for bonding of low energy surfaces.

Packaging

Colour: transparent

Packaging: 12 Oz. aerosol

Shelf life

At least 18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. Upright storage is recommended. The product should be stored in accordance to the rules of storage of inflammable substances. Consult material safety data sheet for more information.

Substrates

Nature: The to be bonded materials should be flat and well fitting as well as clean, dry and free of dust and grease.

Surface preparation: No pretreatment required. Rough grinding of smooth surfaces improve the adhesion. Make sure the surface is dry, flat, solid, pure, dust, adhesive residue, fat and oilfree

A preliminary adhesion test on every surface is recommended.

Soudabond Power Spray USA can be applied on all substrates Beware of migration of the plasticizer from soft plastics, this might negatively influence the bond.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Application method

Application method: Shake can well before use. When processing keep the aerosol can at all times upright and fully press the nozzle. Spray at a distance of ca. 10 à 30 cm of the object. Apply the adhesive evenly to both to be bonded surfaces. Spray the lanes over the surface, preferably having a halfway overlap of the previous lane in order to have covered the whole surface with 2 layers. Two light coats (with overlap) give better results than one thick coat. Wait at least 5 minutes (at 23°C and 50% R.H.) and join the two parts together. Then press firmly together. When making a bond, the applied pressure and not the duration of the compression will determine the ultimate strength. After spraying, hold the can upside down and press the spray head until only propellant and no more product comes out to prevent clogging up of the spray can.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Use only in well-ventilated areas. In case of insufficient ventilation it is appropriate to wear respiratory protection. Consult label and material safety data sheet for more information. Since the can contains flammable propellant, all possible ignition sources should be removed before application.

Remarks

- Do not use in applications where continuous water immersion is possible.
- Not suitable for vinyl or other materials with a high content of plasticizers.
- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.
- Given the great diversity of possible surfaces, it is recommended to perform an adhesion test on both substrates prior to application.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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