

TECHNICAL DATASHEET

SuperCeys Instant Glue

Product description

SuperCeys is a modified α -ethyl-2-cyanoacrylate based adhesive that offers excellent performance in terms of speed and resistance on many different materials, as long as the bond between them does not present any type of gaps.

Technical characteristic

Chemical base	α -etil-2-cianoacrilato
Colour	Transparent
Viscosity	100 mPas-s
Density	1,06 kg/l
Filling capacity	0,05 mm
Shear force	10 – 25 N/mm ²
Flash Point	> 85 °C
Work temperature	-50 °C to +80 °C
Curing speed with activator	< 2 seconds
Curing speed without activator	2 – 15 seconds
Full cure time	24 hours to 20 °C
Shell life	24 months to 5 °C

Curing speed without activator

Metal – Metal	< 25 seconds
Plastic – Plastic	< 10 seconds
Rubber – Rubber	< 5 seconds

Applications

Firmly join plastics, metals and rubber as long as there are no gaps between the pieces to be glued.

High curing speed.

How to Use

Surface preparation:

Surfaces to be bonded must be clean and dry as much as possible.

In the case of tubes, screw the cap and the nozzle onto the tube. Unscrew the cap to open the product. In the case of a brush bottle or cannula bottle, unscrew the cap.

Application:

- Apply a small amount of material on one of the two surfaces. An uneven surface may require more material to fill in all the irregular ones.
- Put the two pieces in contact and press for a few seconds until the pieces are fixed (see the time table for precise values). After releasing the pressure, wait a few minutes

to obtain good handling resistance. Total resistance is reached after approximately 24 hours.

- Immediately after use, clean the tip of the nozzle with a tissue and close the lid. Store the tube or bottle upright in a cool, dry environment.
- The product used for surface cleaning will depend on the nature of the surfaces. In some cases, a clean, lint-free cotton cloth moistened with solvent can be used. Dry immediately with another cloth before the solvent evaporates from the surface. In other cases, consult the cleaning method with the manufacturer of the support materials.

Tips:

This product is compatible with most existing primers for instant adhesives. Pretesting is recommended.

Do not apply excess product and remove the excess as much as possible with an absorbent paper or spatula.

For an invisible finish, apply in a continuous thin layer and extract the occluded air; do not apply to points.

For glass and crystal applications, make a preliminary test.

Do not apply on delicate materials.

Dissolution and cleaning

Use specific solvents for instant adhesives such as CEYS Instant Adhesive Cleaner 5 g or acetone.

Storage

Store the product in a cool and dry place in its original closed container at temperatures between 5 ° C and 10 ° C. In its original packaging, the product's life is 24 months.

Safety recommendations

Keep the product away from children.

Irritating.

More detailed instructions are included in the corresponding product safety data sheet.

Ultimately it will be the responsibility of the user to determine the final suitability of the product in any type of application.

The data indicated in this Technical Sheet should never be considered as a specification of the product properties.

We guarantee the uniform properties of our products in all supplies. The recommendations and data published in this data sheet are based on our current knowledge and rigorous laboratory tests. Due to the many variations in materials and in the conditions of each project, we ask our customers to carry out their own utility tests under the foreseen working conditions and following our general instructions. With this, subsequent damages are avoided, the consequences of which would be unrelated to the company.