

DESCRIPTION

The PERMACOL Contact Cement 301 is a cyanoacrylate adhesive or 'super glue' with a very low viscosity. This product cures through humidity. This adhesive can be used mainly for metal, rubbers, PVC, ABS, PMMA and polycarbonate.

Technical details	
Basis	Ethyl cyanoacrylate
Colour	Transparent
Density	1.06 g/cm ³
Solid content	100%
Viscosity	3-5 mPa.s at 23°C
Flash point	75°C
Temperature resistance	-4-0°C up to 95°C
Setting time	3-20 sec
Curing time	16 hrs
Minimum curing temperature	10°C
Application	ca. 1.5cm ² per drop

Curing recommendations

Use in a well ventilated room. Make sure the substrates are clean and free from dust, water, grease, fingerprints, oil, etc. Metals are to be sanded to remove the oxide layer before cleaning. If the adhesive is stored in a refrigerator or other low temperature storage, allow the adhesive to reach room temperature before usage. Apply a thin layer of adhesive to one part and assemble the parts together immediately, so the adhesive will spread over the parts equally. Setting time is dependent on the humidity and temperature. Don't apply too much adhesive, this will slow down the curing process and reduce the strength of the bond.

BENEFITS

- Fast settingtime
- Very low viscosity
- RoHS and REACH compatible

CLEANING

Uncured adhesive can be removed by using paper.

Cured adhesives must be removed mechanically. We advise to heat up the adhesive bond over 100°C. At this temperature, the adhesive will become softer and the component can easily be removed using torsion.

STORAGE

Store in its original packaging at 4°C. Avoid exposure to high humidity and sunlight. Do not open the package while the adhesive is cold. Remove the adhesive from the fridge at least two hours before use. See packaging for the expiration date. Shelf life: 6 months at -18°C or 1 months at 20°C.

SAFETY

This product bonds to skin and eyes within seconds. Use protective gloves to avoid direct contact with the skin. Use in a well ventilated room. Use safety glasses to avoid splattering on the eyes. Check the Material Safety Data Sheet for specific safety information.

PACKAGING

The PERMACOL CA 301 is available in quantities of 20 and 50 gram.

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