

DESCRIPTION

The PERMACOL Contact Cement 305 is a multi-purpose cyanoacrylate adhesive or 'super glue' with a very high viscosity (thixotropic). This product cures through humidity.

This adhesive can be used for materials such as: plastics, rubbers, metals etc. Furthermore, the product may be used as a filling material.

Technical details	
Basis	Cyanoacrylate
Colour	Clear
Density	1.05 g/cm ³
Solid content	100%
Viscosity	Thixotrope – Gel
Flash point	80°C
Temperature resistance	-40°C up to 95°C
Setting time	60 sec (Rubbers and plastics)*
	180 sec (metals)*
Curing time	24 hrs
Minimum curing temperature	10°C
	*: Setting time depends on temperature and humidity

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 to much adhesive, this will slow down the curing process and reduce the strength of the bond.

BENEFITS

- Frost resistant
- Gapfilling
- Thixotropic
- RoHS and REACH compatible

CLEANING

At room temperature, the remaining uncured adhesive can be removed and cleaned by means of solvents as Ethanol, Acetone, Isopropanol (IPA) or MEK.

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

STORAGE

Store in its original packaging between -18°C to 20°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 contains cyanoacrylacidester. Danger: Sticks within few seconds skin and eyelid to eachother. 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 305 is available in tubes of 20 gram.

Legal Disclaimer

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