PERMABOND CPP621

Cyanoacrylate

Technical Datasheet

Features & Benefits

- Ultra-low viscosity
- For fingerprinting

Description

PERMABOND CPP621 is a special cyanoacrylate which has been formulated to give maximum vapour evolution when used in conjunction with the fingerprint cabinet as specified by the Home Office (or similar). The product gives more fuming and less residue on heating than regular cyanoacrylates, offering the user potential cost savings.

Physical Properties of Uncured Adhesive

Chemical composition	Ethyl cyanoacrylate
Appearance	Colourless
Viscosity @ 25°C	1-3 mPa.s (cP)
Specific gravity	1.05

Instructions for Use

1. Place item to be fingerprinted into suitable fuming chamber.
2. Optimal fuming conditions are 80% relative humidity which can be achieved with a 120°C hotplate gently heating a dish of water.
3. Add a separate dish containing the Permabond CPP621 at a quantity specific to the volume of the chamber (for example 1g in a 200 litre volume chamber).
4. Make sure the chamber is fully sealed.
5. Development time is 5 to 30 minutes (normally around 20 minutes in a 200 litre chamber).
6. Remove item. A white residue should be visible – this can then be transferred for further processing as desired.

Storage & Handling

Storage Temperature	2 to 7°C
Shelf Life Stored in original unopened containers	12 months

Allow adhesive to reach room temperature before opening bottle to prevent condensation inside the bottle which can reduce shelf life.

This Technical Datasheet (TDS) offers guideline information and does not constitute a specification.

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