

Technical Data Sheet

KP707

Polyolefin Primer For Cyanoacrylate Adhesives

Description

KP707 is a single component primer for use in conjunction with Krylex cyanoacrylate adhesives.

The heptane solvent carrier has zero ozone depletion potential.

Typical Applications

KP707 enables the bonding of 'difficult to bond' plastics such as polypropylene, polyethylene, silicone rubber and even Teflon® in conjunction with Krylex cyanoacrylate adhesives, by increasing the surface energy of the substrate.

Technical Features

Chemical type:	Heptane solvent base
Appearance:	Clear
State:	Liquid
Specific Gravity:	~0.70
Viscosity:	~1 cPs
Drying Time ¹ :	10 - 30 seconds
On Part Life:	~8 Hours
Flash Point:	1 °C
Shelf Life:	12 months @ 20 °C

¹ @ 22 °C

Caution

Never mix liquid KP707 with cyanoacrylate adhesive, as an exothermic reaction may occur.

Factors Affecting Cure Speed

KP707 acts as an accelerator with Krylex cyanoacrylate adhesives. Cure speeds of under 5 seconds are obtained with most grades.

General Information

Krylex activators and primers are formulated for use in conjunction with Krylex adhesives and sealants.

Chemence cannot guarantee the effectiveness of the product if used with alternative brands.

Safety Precautions

Use in a well-ventilated area.

Krylex KP707 liquid is classified as highly flammable.

For safe handling of this product consult the Safety Data Sheet.

Instructions For Use

KP707 should be applied to the area to be bonded by spraying, brushing, wiping or dipping. Wait for the solvent carrier to evaporate (normally 10-30 seconds).

After the solvent has evaporated, apply the appropriate Krylex cyanoacrylate grade to the part to be bonded and assemble immediately.

KP707 should be applied to all bond surfaces that are made from 'difficult to bond' low surface energy plastics.

For example, if the bond is polypropylene to polypropylene, both surfaces should be primed. However, if the bond is polypropylene to ABS, only the polypropylene surface should be primed.

Storage

Store in original containers in a cool dry area, away from sources of ignition and out of direct sunlight.

For liquid formulations: Keep lids of containers tightly closed to avoid evaporation of solvent carrier.



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Presentation

Liquid – 20ml bottle and 1L flask.

Other sizes may be available on special request.

Notes

The data contained in this data sheet may be reported as typical value and / or range. Values are based on actual test data and are verified on a regular basis.

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