

KRYLEX®
Adhesives and sealants

KP4527
Activator for Cyanoacrylate
adhesives

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TECHNICAL DATA

PRODUCT DESCRIPTION

KRYLEX® KP4527 is a solvent-based activator formulated to increase the cure speed of cyanoacrylate adhesives.

APPLICATION

KRYLEX® KP4527 activator is used to give instant, “on-demand” curing of **KRYLEX®** cyanoacrylate adhesives.

KP4527 is especially suitable for use with slower, high viscosity grades and with porous substrates where the adhesive must cure before being absorbed into the substrate.

KP4527 may also be used to “filet cure” **KRYLEX®** cyanoacrylate and to cure adhesive outside the joint.

PROPERTIES OF MATERIAL

Property	Unit	Value
Chemical type		Organic solvent base
Appearance		Clear
Specific Gravity		~0.70
Viscosity	cPs	~1.0
Drying Time at 22°C	(secs)	~10 - 30
Flash Point	(°C)	<15
Shelf Life @ 20°C	(months)	12
On Part Life	(secs)	~60

CAUTION

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

Due to the solvent content, KP4527 may attack certain plastics or coatings, so substrates should be tested for compatibility.

PRESENTATION

Aerosol – 200ml.

Liquid – 20ml bottle and 1L flask.

Other sizes may be available on special request.

NOTES

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. Chemence Ltd and its agents cannot assume liability or responsibility for results obtained in the use of its product by persons whose methods are outside or beyond our control. It is the user’s responsibility to determine the suitability of any of the products and methods of use or preparation prior to use mentioned in our literature and furthermore the user’s responsibility to observe and adapt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.

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INSTRUCTIONS FOR USE

KRYLEX® KP4527 Activator should be applied to the area to be bonded by spraying, brushing, or wiping. Wait for the solvent carrier to evaporate (normally 10-30 seconds).

Apply the appropriate **KRYLEX®** cyanoacrylate grade to the part to be bonded and assemble. KP4527 has an on-part life of approximately 1 minute. If parts are not assembled within 1 minute, KP4527 should be re-applied.

Alternatively, assemble parts using **KRYLEX®** cyanoacrylate then spray the exposed bond joint with KP4527 to cure the adhesive instantly. The speed of cure with activator will depend on the substrates being bonded and the adhesive grade.

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.

HEALTH & SAFETY IN USE

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

Use in a well-ventilated area.

Note: **KRYLEX®** KP4527 liquid is highly flammable, KP4527 Aerosol version is extremely flammable. Appropriate precautions should be taken when using the product

STORAGE

Store in a cool dry area out of direct sunlight.

Shelf life: Approximately 12 months @ 20 °C.

Keep lids tightly closed to avoid evaporation of solvent carrier.

DATA RANGES

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.