

Technical Data Sheet

KP6497

Activator For Anaerobic Adhesives

Description

KP6497 is a solvent-based activator formulated to increase the cure speed of Krylex anaerobic adhesives and sealants.

Typical Applications

KP6497 activator is used to give accelerated curing of Krylex anaerobic adhesives.

This may be necessary in applications involving inert or 'passive' metals or substrates where curing would otherwise be slow or inhibited. Activation is also required when large bond gaps are required to be filled.

KP6497 is also recommended for bonding applications carried out at lower temperatures (<10°C).

Technical Features

Chemical type:	Organic solvent base with organic copper salt
Appearance:	Translucent Green
State:	Liquid
Specific Gravity:	~0.71
Viscosity:	~0.5 cPs
Drying Time ¹ :	~15 seconds
On Part Life ² :	≤30 Seconds
Flash Point:	< 15 °C
Shelf Life:	12 months @ 20 °C

¹ @ 22 °C

² Parts must be assembled within this time

Caution

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

Due to the solvent content, KP6497 may attack certain plastics or coatings, so substrates should be tested for compatibility.

General Information

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

Fixture times of one minute and upwards can be achieved using Krylex KP6497, depending on the adhesive / sealant used, the substrates and the type of applications involved.

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

Health & Safety In Use

Use in a well-ventilated area.

Krylex KP6497 liquid is classified as highly flammable, KP6497 aerosol is classified as extremely flammable.

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

Instructions For Use

KP6497 can be applied by spraying, brushing or dipping.

KP6497 should be applied to both surfaces for large gaps or lower temperature applications, but small gaps may only need one surface to be coated.

More than one coating of activator may be required for porous surfaces.

After the solvent has evaporated, apply the appropriate Krylex anaerobic grade to the part to be bonded and assemble immediately, moving the parts slightly to ensure mixing of adhesive with activated surface(s).

KP6497 has an on-part life of approximately 30 seconds. If parts are not assembled within this time, KP6497 should be re-applied.

Presentation

Aerosol – 200ml.

Liquid – 20ml bottle and 1L flask.

Other sizes may be available on special request.



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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.

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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